

ua1a2.seq Length: 601 February 28, 1996 18:00 Type: N Check: 7046 ..

1 GAATTCTGAAG AAGTCCTTCA GTATCTTCAC CAGAGCCAAC TGAAAAGTCA
51 AGGTCTTCAC GGAGGGAGGCG CTCAGTTCT TCTCCCCGTA CCAAGACAAC
101 TTCGAGGAGA GGACGGTCTC CTTCACMCAA ACCTCGTNNG ACTCCAAAGA
151 TCCVGATCCC GCTCACGGAG AGAGAAAMCC AGAACAAANCC CGACGCAGAG
201 ATAGATCTGG ATCATCTCAG TCAACATCTC GAAGAAGACA GAGGAGCCGG
251 TCTAGATCAC GAGTTACTCG GAGACRGAGG GGTGGCTCTK GTTACCATTC
301 AAGATCACCT ACCAGACAGG AGAGTTCTCG AACCTCCTCT AGACGCAGAA
351 GAGGCCGCTN CCCSGACACC CTTGACCAGT CGGAAGCGAT CTCGATCAAG
401 AACATCACCA GCTCCTTGGA MGCGCTCTAG ATCTSGAGCC TCACCAAGCTA
451 CTCATSNGGC GGTCCAGGTC MAGAACACCA CTGATAAGCC GACGTAGGTC
501 CAGATCTCGG ACCTCACCTG TGAGTAGGAG ACGGTCAAGG TCAGTGAATA
551 GGCCTAGATC TCGATCAAGA GCATCCCCAG TGAGTCGAAG GCGATCCAGG
601 T

ua1a4f.seq Length: 243 February 28, 1996 18:08 Type: N Check: 8620 ..

1 GAATTCTGTTA TATTTTAAAAA CTGCTACTTG TATAAATCTT TCCCAAATAC
51 CGTGGGTTTT GTGCATAGTT TTTACAGATA TGGATTAGC AGACTGTCTT
101 TTCACTGTTA TGGGTTTTTT AGAAGTTGAG CATTTTTATG GCTGATAAAAG
151 TGAATGTTAC TTCTAAGTGC TCACTTCTTT TATCAGAAGT GACCCTCAGT
201 CCATTGTGCT ACSTTAGCTT GCCTCTTTGG TAATAATKCG KAG

ua1a4r.seq Length: 209 February 28, 1996 18:10 Type: N Check: 573 ..

1 GAATTCTCATCG CACAAAAACC CTGGTATGAA GTCACTTTCC AATGGAATTG
51 CAAAGCCTAA GGATGAACTA TCCTGCCTGA TAAAAACCAA CAGCTGGCCT
101 GATCGCTCAG AACACCTGTG ACATGTCCTC CCTAGAMGGG ACAGAGTGAT
151 AGTTCATGTT TGNNKGTTGTG TGGACTAWYT KGKTACTACC TTTAGAGCAA
201 CTGATKTAT

ua1a6f.seq Length: 357 February 28, 1996 18:12 Type: N Check: 2108 ..

1 GAATTGGGG TGTCTACTG ACTGATATTC ATTTGATTTT ATTCAATTGG
51 ATTCAACCT CACTGTCATA GCCGAAAWT TTATTTAACCATGCCTTB
101 CCMGATGCYA GGTGAGATCT ACYTRGTGAA CTTAAWWAAM GCAGACTGGG
151 ACCTAGAAA ATTCAACCATT TTCATTGTA TGTTCTCGGT TTTGCCTTTA
201 TCCATAGAAA AGTGGCTCT TGGGAATGAT GAGGACACTG AGGGGTGGAG
251 GATACMAACS GAAAAGCTCA TGGAGATAGA GTKCAAGCAG AGAGTGTGGG
301 TGCTYAAATA CTCAAGAGAT TTAATTAAGT CTCGCTCTCA AWTGCTATAA
351 GTTTAAA

ua1a6r.seq Length: 331 February 28, 1996 18:14 Type: N Check: 8095 ..

1 GAATTGGCC AAGGCCTTGC CAGCTGCTGA AACTGAGAAG GAAGCGGTGC
51 CGGTCCCAGT GCAGGAGGTA GAGATCGATG CTGCTGCAGA CTTGAGTGGG
101 CCTCAGGAAG TAGAGAAGGA GGAGNCCCCA GGCTCCCAGG ACCCCGAGCA
151 CACAGTGACC CANTGGCCTG GNAGAAGGCG GAAGCTCCAG GRACMGTAG
201 CAGTKCTGCY KDARGGSCNN YAAGGAMCCT NCYYGKCYC CCCANGGATT
251 CAGNGAGNCA GTTCCAGARA AAATYCTGTA CAGTKTACAC ACGGTGTSCA
301 TATCGTGGAG ARACTCACAT CTCTGTGCGC G

ua1b4f.seq Length: 331 February 28, 1996 18:15 Type: N Check: 6292 ..

1 GAATTWGCAA AGAACCTTC TTTAAAATGG ACTCAGAAGA TGGGTGAGG
51 GGCGTTGCCA ATGTGGCTGA GTTCTGTGTT TGAAATGTG TTGCTGATGC
101 ACATGATGAA AGAAGAGCCC AGATGACCCCT AACTCTTCAG GAAWDCAAC
151 CATCTATATC AGTCTTATCT CTGCTCTCAA AATGCTCTCA GAGAGTAAAM
201 MMAATGGCC CTTNGGTATA CNYCTCTCCG TTTTGTAAAA TTAAAGRWTG
251 CCTAGKAATT TTTNAAAAAG KGCAAAAGRT GTKYYTGAG ATTTYCTTTT
301 YAATTYTGGG TGTCAGTGTG TGDGTGTTG T

ua1b4r.seq Length: 427 February 28, 1996 18:15 Type: N Check: 1093 ..

1 GAATTCCCTTG CAGGCHGCCT GVGGKVCNAC CNTTCTGAGA GCCAGAAAAC
51 TGCTCTCAGN TACATTCCCTG GCAGCTCCTG ACCCTGAGCC TCTATTCAACA
101 TTCCCTTCACA AAACGGGCCA GGCTCAAATT GAAAAGGAAA TAAAAGAGAC
151 CACAATAAAA TTGCTAACAT ACGGAGTAAC AGAGTGATCT GTGACACAAT
201 TCTGCTCCAT GTTTTCCTTT CCCTTCAAGG ACAGCTGGGC AGCCACTGAG
251 GCCTGTGGAC AAGGATCCAT GATCATTTC AATGTTCAAGA GAGTCCAGCA
301 ACCACCAGGC, AAGGGCTGTT GGCACYTAGG AATGGGTCTG CTTGCATGTC
351 AAGGGACCAA TGTGGTCCTA CAAAACATCAT TTCTACTGAA ATGTCATCTT
401 CTGAACHTTG GGAAATAATG CMCTAGA

ua1b5.seq Length: 520 February 28, 1996 18:16 Type: N Check: 8570 ..

1 GAATTCCGGC CGTGCTCCGT CCTTCGCTCC KTGYCCGTC ASRCACTGTG
51 AGGGSTCAGC GWGAGGTCCGG TGGGGTTAGG NAACGCGGCG CGGGCGGCGG
101 CGGCGGGCGGC GGCTCCTCCCT CCNAAGATCT GAGCAGGGTG CCAGAACAGG
151 NATGTACACG CTGCTTTCGG GATTGTACAA GTACATGTTG CAGAAGGATG
201 AATACTGCAT CCTGATCCTG GGCTGGACA ATGCTGGAA GACGGTAGGT
251 CCCTGCTCTC TCACCAAGTTC CCATTCCCTG CCTGATCTAA NCCCCCGCCC
301 CAAGGCTACA GGTTAGTAGT CACCAGCCTC CTGAAGATCA AGCCACAGGS
351 AGAGGCGTGC ATGGCTGCAT NGGGTGTGAA GGGATAGGTG GGAAGGACAC
401 CAGAAAACTA CTCTAGCTGC TGCTATCTNA MCCCCCTCTC TTTTTTCTC
451 CAGACTTTCC TGGAACAGTC AAAAACACGC TTTAACAAAGA ACTACAAGGA
501 ATTCCACCAAC ACTGGCGGCC

ua1c1.seq Length: 465 February 28, 1996 18:17 Type: N Check: 4694 ..

1 GAATTCTGTT AATGCACCTC TGCCTCCACG GAAAGAACAA GAAATGAAAG
51 AACCTCCTTA TTICATCTGGC TACAATCAAA ATTTTACTTC ATCAAGTACA
101 CAGACAGTAT CCCAATGCCA GCTCCCAGCT GTACACATAG ACCAGACAAAC
151 TCAGCCTCCA GAGACTGGTA TGACCTCTGC ATATATTCTT TATAAGTACC
201 ACATGCCAAC TTKGTGCTTT ACTGGAGTAC CCTCTATAGS CCYTCTGAAA
251 ACTTAGACAG KAGCCTTCA AGKAAACART CTGTAGTGCC CYTACARCTG
301 TRAATACCTTA TCTCTTTAAT GTNTTGTCTG GKAGAAAGAC ATTTGATGT
351 ATTTTCCTCC ATTAGTTAA GTTTACCTCT AGTGGAGAAT TAGTTAAACC
401 ACTTTGGCTC CTGAAGGGTC TCATGTGCAT ATGCGCTGTA CTCTYCCAAG
451 AGCDNTGTGG ATTCT

ua1c6f.seq Length: 541 February 28, 1996 18:19 Type: N Check: 5203 ..

1 GAATTCCCTTC CTGTAAGGCT ACTTTCTTT TTCTACTTC CTTTCCAGC
51 AATTCAAGT TAGGCTTTTT CCTGGTATAA AGTCTAACGCG TCTCTATGCA
101 GATTTCTGA ATCTCCTCTT CTGTGGTACC AAACAGAAGA AACCAATGGG
151 GCCGAGTTGG CAAGGGAATT TGAAGTGCTC TAGCTGCAAG GTAGATACAA
201 GCACATGCTA TAGTCTCTGG TTGAAAGCGA ACAAAAGACAT TGGTTCGAAG
251 ACTGTCATTC ATGTAATTCC AGGCAGTTTG AACCAAGGGTT TGGTTACGTT
301 CACATTCTAA GACTTGTAAA TACATTACAA TGATCTTATG GGGATGCTTG
351 ACATGAACAC AAAATCCCAA CTCCCTTAGC ACCCTCCTCT CTGCCTTGAT
401 AACTTGATTT TTGGTGTAA TGTAGTTCTG ATCAAGGATC AGGGGGCTTG
451 GAGTCCYTTT TCCYCTTAAC TGGCGGAGGT GGTGGAATAC ATTAATCACA
501 TCTCTWATTC TTYTTGGCGC TTCTTCGATT TTTGACSCAA G

ua1c6r.seq Length: 330 February 28, 1996 18:20 Type: N Check: 5856 ..

1 GAATTCCGCTG CGTCGGGCGT GCGTGGAGCT CGCTGGAAC T ATGGCGTCCG
51 GGCCTCACCC GACCTCGACC GCTGCCGCCG CCGCCGCCGC TGCCGCCCTCC
101 GCCTCGTCCG CCGCCCCGAG CGCGGGCGGC TCCAGCTCCG GCACGACCAC
151 CACGACGACG ACCACGACCG GAGGGATCCT GATCGGCGAC CGCCTGTATT
201 CGGAGGTGTC GCTCACCATC GACCACTCGC TGATCCCAGA GGAGCGGCTC
251 TCGCCTACCC CGTCCATGCA GGACGGCCTG GACCTGCCCA GCGAGACGGA
301 TCTKCGCATC TTGGGSTGCG AGCTCHATCC

ua1c6f.seq Length: 541 February 28, 1996 18:19 Type: N Check: 5203 ..

1 GAATTCCCTTC CTGTAAGGCT ACTTTCTTT TTCTACTTC CTTTTCCAGC
51 AATTCA TAGGCTTTT CCTGGTATAA AGTCTAACGCG TCTCTATGCA
101 GATTTCCCTGA ATCTCCTCTT CTGTGGTACC AAACAGAAGA AACCAATGGG
151 GCCGAGTTGG CAAGGAAATT TGAAGTGCTC TAGCTGCAAG GTAGATACAA
201 GCACATGCTA TAGTCTCTGG TTGAAAGCGA ACAAAAGACAT TGGTTCGAAG
251 ACTGTCATTC ATGTAATTCC AGGCAGTTTG AACCAAGGTT TGGTTACGTT
301 CACATTCTAA GACTTGAAA TACATTACAA TGATCTTATG GGGATGCTTG
351 ACATGAACAC AAAATCCCAA CTCCTTAGC ACCCTCCTCT CTGCCTTGAT
401 AACTTGATTT TTGGTGTAA TGTAGTTCTG ATCAAGGATC AGGGGGCTTG
451 GAGTCCYTTT TCCYCTTAAC TGGCGGAGGT GGTGGAATAC ATTAATCACA
501 TCTCTWATTC TTYTTGGCGC TTCTTCGATT TTTGACSCAA G

ua1c6r.seq Length: 330 February 28, 1996 18:20 Type: N Check: 5856 ..

1 GAATTCGCTG CGTCGGCGT GCGTGGAGCT CGCTGGAAC T ATGGCGTCCG
51 GGCCTCACCC GACCTCGACC GCTGCCGCCG CCGCCGCCGC TGCCGCCTCC
101 GCCTCGTCCG CCGCCCCGAG CGCGGGCGGC TCCAGCTCCG GCACGACCAC
151 CACGACGACG ACCACGACCG GAGGGATCCT GATCGGCGAC CGCCTGTATT
201 CGGAGGTGTC GCTCACCATC GACCACTCGC TGATCCCGA GGAGCGGCTC
251 TCGCCTACCC CGTCCATGCA GGACGGCTG GACCTGCCA GCGAGACGGA
301 TCTKCGCATC TTGGGSTGCG AGCTCHATCC

ua1d2.seq Length: 530 February 28, 1996 18:21 Type: N Check: 8702 ..

1 GAATTGGGG GGTCTTCCTG CTCTTGAAAGC ACTGGGTGGA ACGGGGTCCC
51 AGTAGCCGCA CTCAGCCTTA GGGTCTGCAT CCCATTAGGT TTCTAGGGCT
101 GCAGGGGCTG CAGGACCANG GGCCATGNGC TCCNTNCACT TGACCCCTGCA
151 GCTGGGTGTM AGANAGTCCT GTKNGGTTCN CACCTYMA GGATGTYCCT
201 ACCMACNTTN CACCTKCTCA AGNCTYCACT GTCTGGGCC TGTGNCTCT
251 CNCAACAGCT TCTTCCTTCC TTTGCCCTTC GTGTCAGCCA GCAGCCTTGC
301 CAAGTGTITG TTWATTTWAT ACTTTGTGNT TTTTGAGACA GTCACATCAA
351 GGTTGAACCT AGAACCCAAG ATCCNYACTG CTATCACCCCC CTGAATACTG
401 GGGNTTCCNA GNGTGTNNNN CCTGGGNTCC MANNCCTCAG GACNACNNNN
451 CTTASVNNAG GATANCCGTA TCACGTNCTT GGGSNCCATC CCTTTTTCC
501 CCACTACANA GDAAGNNNNN NCCCGAWYTC

ua1d4.seq Length: 537 February 28, 1996 18:22 Type: N Check: 2448 ..

1 GAATTCCCTTG CTGTGACACA TTTTTCTAG TAAGTGTAC TCTTTCAATC
51 AAAACCCCTA TACCAATGGA GCTTAATTAA GGTAGTGAAT TAGTTCTAA
101 ATAGATCAGT GATTGTGAAC AAGGCAATAA AAAGAAAACC TCTAATGGTA
151 TCAAGTGTTC CCATAAGTAC TTTGTATACA TGTGGATGTG TGTTGGTGTG
201 CATGCACATA TGTGTGCATG TGTGTGGATT GCGAAGGACA GCCTTTGGTG
251 TCATTCCCTCA GGTGGTGTCC ACCTTGTTT GAAGAGATAG GAGTGTACAC
301 CTGAACCTGC AGCTTGCTGA TTCAGAGTAC CAGGGACATG CCTGGCTTGA
351 CCTCTCCAAC ACTGGGATCA CAAGGAACCTT TCGTCAGCAG GTCTTGCHTR
401 KWTGAAATAG TTGAGAGGGGA CTGCACTCCG ATCTTCACAC TTGCACATAA
451 TGCATATTGC CAAATGGCCC ATCTCCTTGA CTCCACTGAA TAAAATTTT
501 GACTAATTTC TCAAAATAAT TACAGCAGCC TGAATTG

ualelf.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCCT GCCTCTGTAA CTCCTTBACC CAATTCTTAG CCCGTGCAAA
51 TGTATCTGTG TTGGTGATGT CATAGACCAC AATGGCTGCT TGGGCCCGCG
101 ATAGTACATC GGGGCCAGGC TGTGATAGCK CTCTTGGCCA GCTGTGTYCC
151 AGATCTCAAA CTTGACCGTT GTATCGTCTA AGCAGACAGT CTGTGTGAGG
201 AAAKTTGCTC CAATTGTGCT CTYCTGGTAC TCATGGAACCT KCCCCTTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTBCCAC GGCAAGTYTCK TCCAAGAGGD
301 CC

uale1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTCTGG AAGCCCCGGC CCAAAGTAAC GCTGCTGCC GGAGCCCGT
51 TGGAGGCCTC CCTTCCCATT AAGTYGCCTC TTTAGCATAG CACCGGGCCC
101 ACCCCCACGS TCACTGGTAC TACTACAGAG CAGCKCGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCACGAACC CAATGGACCA GCTTGCTGGC AACAAAGATCT
201 TGTCAGTTA AGCTTGGKCC TCTTYGGCG AGTCTKCCGT TRGGCAAGKB
251 CARCCTGGTY CTCCCGCTTT GTCAAGGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAAATTG GA

uale1f.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCCT GCCTCTGTAA CTCCTTBACC CAATTCTTAG CCCGTGCAAA
51 TGTATCTGTG TTGGTGATGT CATAGACCAC AATGGCTGCT TGGGCCCCCG
101 ATAGTACATC GGGGCCAGGC TGTGATAGCK CTCTTGGCCA GCTGTGTYCC
151 AGATCTCAAA CTTGACCGTT GTATCGTCTA AGCAGACAGT CTGTGTGAGG
201 AAAKTTGCTC CAATTGTGCT CTYCTGGTAC TCATGGAAC T KCCCCTTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTBCCAC GGCAAGTYTCK TCCAAGAGGD
301 CC

uale1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTCTGG AAGCCCCGGC CCAAAGTAAC GCTGCTGCC GGAGCCCGT
51 TGGAGGCCTC CCTTCCCATT AAGTYGCCTC TTTAGCATAG CACCGGGCCC
101 ACCCCCACGS TCACTGGTAC TACTACAGAG CAGCKCGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCACGAACC CAATGGACCA GCTTGCTGGC AACAAAGATCT
201 TGTCAGTTA AGCTTGGKCC TCTTYGGCG AGTCTKCCGT TRGGCAAGKB
251 CARCCTGGTY CTCCCGCTTT GTCAAGGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAAATTG GA

uale1f.seq Length: 302 February 28, 1996 18:22 Type: N Check: 8430 ..

1 GGAATTCCCT GCCTCTGTAA CTCCCTTBACC CAATTCTTAG CCCGTGCAAA
51 TGTATCTGTG TTGGTGATGT CATAGACAC AATGGCTGCT TGGGCCCCCG
101 ATAGTACATC GGGGCCAGGC TGTGATAGCK CTCTTGGCCA GCTGTGTYCC
151 AGATCTCAAA CTTGACCGTT GTATCGTCTA AGCAGACAGT CTGTGTGAGG
201 AAAKTTGCTC CAATTGTGCT CTYCTGGTAC TCATGGAACt KCCCCTTKAC
251 MAAGCGGAGG DCCAGGCTGG ACTTTBCCAC GGCAGTYTCK TCCAAGAGGD
301 CC

uale1r.seq Length: 312 February 28, 1996 18:24 Type: N Check: 8164 ..

1 GAATTCTGG AAGCCCCGGC CCAAAGTAAC GCTGCTGCC GGAGCCGCGT
51 TGGAGGCCTC CCTTCCCATT AAGTYGCCTC TTTAGCATAG CACCGGCCCC
101 ACCCCCACGS TCACTGGTAC TACTACAGAG CAGCKCGCCA TGGCGGGTCC
151 GAGGAGGTGC AGCACGAACC CAATGGACCA GCTTGCTGGC AACAAAGATCT
201 TGTCAGTTA AGCTTGGKCC TCTTYGGCG AGTCTKCCGT TRGGCAAGKB
251 CARCCTGGTY CTCCCGCTTT GTCAAGGGC AGTTYCATGA GTACCAGGAG
301 AGCACAAATTG GA

uale3f.seq Length: 310 February 28, 1996 18:26 Type: N Check: 394 ..

1 GGAATTCGCC GCTTTTTTTT TTTTAATTCA AAACATTTGA CTTTTTAAAG
51 GAAAGGATGT CACAGTGTCT TTATAACCGA GATAATGAAA TCTTAGCTTA
101 ATTTTGTCAGA AGAATTAAGG TACTTGAATT GATTAAGGCA CAGATGTGTT
151 TGGTCTAAAA GGCTGTATTT TGTCTGCTTT TTCACAAATC TATGGAAATT
201 GATTTCACCA TCTTGCAGTG TGCTTAGCKC CCACGNTCCC CAAGTTCTAG
251 AATTCTGGAA AGADCCTTCA TGTATGGAAT GTCTTCTGTK CAGAGGAGGT
301 NCTCAGCATA

uale3r.seq Length: 392 February 28, 1996 18:25 Type: N Check: 5098 ..

1 GGAATTCCCTG ACATCTGATC AGGAGTAAAC AGCACACAAA GGGAGTGT
51 TAAAGGTTTY CTGCAGTGTG AAACAAACTG TGTCTAAGTA CAAGGGCTCT
101 GGAATTACAA AGTTTACAAA GCAGCTCTAC CACGTCTCCA AGGCCAAAT
151 AGATGCCCGG AAGAGGGAAA GGGCAAGAG AGCTGTCCGA AGCAGTACAC
201 CAGCTTAAGT GACATGAAAT AACTTGGACA AGGTTCAAAC TGAGAGACTG
251 CAGTTGAGAT GAAGTGGAA AAAATATTGG AATTCACTCC AATAGAGTTC
301 ACAGAACACC ACCTTAAYCC TGCATCCCTT BCCAAAATGG AAACAAAGTT
351 GTWTCAAAAW MTCCAGTTCA TCCAAGGAAT CCAAACATSC TT

uale5r.seq Length: 148 February 28, 1996 18:27 Type: N Check: 9069 ..

1 GGAATTCAAA TAGTGGTTGT YCTTTAGATG GAAGATGTGA GTCAAAGCCA
51 AGGTCGCTCT CTCTGGAAGT CAGTGAGTAG CAGGGACCAG AGCGTATTGC
101 TGCAGTATAG ACTGAACGGA AGGAAAACCA CTGCYCAGGG KGCGKKG

uale6f.seq Length: 382 February 28, 1996 18:28 Type: N Check: 6413 ..

1 GGAATTCTCC GACCGTGCAG ACTTAAGATG GAGGCACCTTC CTGTCTKCGG
51 CGGGAAGAGA AGGCTCGGTC GGAGCCGGGA ATGCTGGGAC TTGTACGTCC
101 GCCGGTCACG GCCGCYGCC CCAGCGACGT CACCCACACB NGCAGAAGCG
151 GACGCCGCGG TCAAGATGTC TCTGCCATGC CCACGGGACG CACGGACGCA
201 CGGACGGACG GACGGACTCC ACAAGGKAGG AAGCCTGCBC CGGAGGGCAC
251 CGGBCGCACC CACCACAGCA CACAGGACAC ACAGGGGCC BBSCCCCGCC
301 CAGGCACACG CGGBACACAC GGCACACACB GGCMAGGCAG GCCAGGSCAC
351 MCGCAYCKCC AGGACCCCBC CTGCGMCCCCG CC

ua1e6r.seq Length: 166 February 28, 1996 18:28 Type: N Check: 5755 ..

1 GGAATTCCCC GGCTCGAGCG GCGCTTTTTT TTTTTTTTTT TTCCATTCA
51 ACTGCAATT TATIGAGGGG GACATGTCTG TACGCAGTCA GGCCCTGTTG
101 GCGTGCTCCT TCCTCCGTGA GAABCGCTYC GTTCTGKKCG GCCTCDGCCG
151 ACTMCGCGCA CCTTGT

ua1f1r.seq Length: 206 February 28, 1996 18:30 Type: N Check: 919 ..

1 GGAATTCGCT GACCGCATGC AGAACCCACC ACACCTTTAT ACAGGTTTAT
51 ACAGCGTYKK CAATCAAAC C TAGACAGGC ACCTACACCC AAKCTTCAAA
101 GTATTTTAA AATKKCCACA AAATTCAATT CTIWGGAATT TCTCTTAGAC
151 ACTGTTCAAT TTAAATTTT TKCAATKGGG ACAGAACCTG GGGCTTTGTG
201 TTTGTT

ua1f3f.seq Length: 305 February 28, 1996 18:31 Type: N Check: 1718 ..

1 GAATTCCCTGG TGTACACTCG AAWTTKBTTG RGVMMAAAGG AGAGGACTCC
51 AACAAAAGGT TCTAAATGCT GTTTGAAAC C TGCCAGGGTG ATTCTCTTAT
101 CAACATGCAC CATCAACCAT TTGTGTCTT YYCAGAGCC TTCATCCKCW
151 GBTGTAGGGG TCNKCTTGA AGTACATGTA CTGCATGTYC CCCCTTTTT
201 TKBCACTCTC GGTCAATATTC ACTGTCAGTC CCAGAGTCTT CTTYWGCTGT
251 GTYCCAGGKC TCCYTTTTTC CCTCGGTTGC TTTAGKTCTT CTACTACYTG
301 TGACT

ualf3r.seq Length: 288 February 28, 1996 18:32 Type: N Check: 1699 ..

1 GAATTCTGTTG GWKTNMTCTC CTCTCACTTC AAGGTMTTAA ATGCTGTTG
51 AAAGCTGCCA GGGTGATTCT CTTATCAACA TKCWCCATCA ACCATTGTK
101 TTCTTTYCCA GAKCCTTCAT YCGCWTGTA GGKGTCAGCT TTGAAGTACA
151 TGTACTGCAT GTCCCCCCTT CTCTTKCYAC TCTYYGTTCA CATTWGACT
201 TCTGWTCCAG ATWWCTTTCW GTCYGAGGGW CTTYTCTKTC TCAGATGTGA
251 ATWWATGDTY SGAGTACAAG GTTCKGGTAG ACAGGTGA

ualf4f.seq Length: 249 February 28, 1996 18:33 Type: N Check: 9625 ..

1 CCAGCTCAGG AAGAGCCTCT CCACACGGGT CAAAGGGCAT CTTTGATCAG
51 AAGCCTTCTC AGGTCKCTCTT GTYCTGCTCT GGDGTYCCTC AGCTGTCIGC
101 AGCWCCCACC AGACACTGTC CATTGCTGTC TGCCATGCTT GTCTTTATGT
151 CGTGTGTTTC TCGTCCCTRA VTTCAACCTA TKCNCCCTTT CCTAACAAACA
201 TGACTACCTC ATKTYTNCTT CAGACCATAG TGKGACCCCT RGGTTCCCA

ualf5f.seq Length: 288 February 28, 1996 18:34 Type: N Check: 1702 ..

1 GAATTCTGTTA TATTTAAAAA NCTGCTACTT GTATAAATTC TTTCCCAAAT
51 ACCGKGGGTT TTGTGCATAG TTTTTACAGA TATGGATTAA GCAGACTGTC
101 TTTTCACTGT TATGGGGTTT TTTAGAAGTT GAGACATTTT TATGGCTGAW
151 WAARGTGAAT GKTACYTTCT TAARGTGCTC AACTTCTTTT ATCAGGAAGK
201 GAACCCYCAG KTCCATTGTG GCYAACTGTTA GGCTTGGCCT CTTTGGTAAT
251 AAWTGCGTAG BTCTYKGATT GAACNGCTAG GATTAGGC

ua1f6f.seq Length: 355 February 28, 1996 18:35 Type: N Check: 4951 ..

1 GATTTCGAGA GGTGGTCCCT CGGATGGCTC TCCCTGCTCA CATCCGGAAG
51 TTCAAAATATT GATGCTTCCH CCCCCCCCCC CCACNNBTCC AGACTTCAT
101 TTTCTCTCCG GTTGACAC AAGAGAGAGA GAGAGAGAGA GAGAGAGAGA
151 GAGAGCGCTA CAGAACGTTGTT TTACAAACCA GAGAACTGTT CATTAAGTGA
201 AAACGTTAGG SAGCACATGT TCCGCAGAAG ATAACAAAAT AGATGGSGKA
251 AATAGTGTAG TCGGTGTCGA AGCAATATTA AWCTDTKCCT ATTCCCVGCT
301 AAATAAAAGTK AAGCCACCGA TTTTTGTTT TTGAGATCTC TATGGRKGTA
351 TGGAG

ua1f6r.seq Length: 391 February 28, 1996 18:36 Type: N Check: 7489 ..

1 GAATTCCCCC AGAAAATATA AGGATGCCAT ACACCTTATA ATTCTAACAC
51 CATTGATTAA AAAAAAAA AAAGGAAAAA ATGCTGCCAT TTTAATGGCA
101 TTTTCTCATC AAAATCAACG TGTGCTTTTC ATATTTCAAA ATAAGGCATT
151 ATATGCTATT TCAAAAAAAA ATTTAAGACC AAAAGTACAT GCTTACTTTT
201 AGAAGCATGT ACATTTTTTA AAAAGGATCT ATTCAAGTAG CAAATGAGTG
251 TTGTGAAGAG CTGCTCACTA AAAGCTAACT GTAGTTAAAA GGTTATATAG
301 TGGCATTTC AAGTGACAGG AAATTCAAMT TTACTTTTC CAAAGGATTC
351 CACAAGTGCA GTAGTGCAC T AGTGTACCCY SCTGAAGTCT G

ua1g2f.seq Length: 276 February 28, 1996 18:38 Type: N Check: 1548 ..

1 GGAATTCTCC GACCGTKCGG ACTTAAGATG GAGGCWCTTC CTGTCRKCGG
51 CGGGAAGAGA AGGCTCGGTC GGAGCCGGGA ATGCTGGGAC TTGTACGTCC
101 TYTKGTCACK KBYKCNSSCC CCAGCGACGT CWCCCCACACK KCKCAGATTY
151 SGACTYYGCK GTCAAGATGT CTCTGCCATG CCCACGGGAC GCACGGACGC
201 ACGGACSGAC GGACGGWCTC CACMARGGTA GGAAGCCTTC TTGAKCTBA
251 MCTTYGSTWC CAACACAGCA CACAGG

ua1g4r.seq Length: 330 February 28, 1996 18:38 Type: N Check: 506 ..

1 GGAATTCCAT GATTGTTGAA CTACTGGTC AAAACTCAAA TGAGGTGAAT
51 TTGCCTTAA AGGACTTACT TATGCTAAGA ACCAACTAAT AGCCGTGAGA
101 CAATCACGTC ATAGCTACCA GTACAAGTAG AGCAAATATT TATCCATTAA
151 GCTCTGAGCT CTATATTATA TAATGGAGCC TTAAATCTAT GTGGTTTTA
201 TCAATGGTT GTCTTTGAA TGGTTGTGGA AACTGTAGAT AACCTTAACC
251 AAGGACTGTA CAAACGTGAA GGTGTGGTCT YACWCTTCAG GTTTAAAGTG
301 TTTGADGCAT TATTAGCAWT CATTACACAAAC

ua1g5f.seq Length: 455 February 28, 1996 18:40 Type: N Check: 3416 ..

1 GAATTCAAAA TATTTCTTTT CTGTCTCAAA AGCTATTATG TCCCATTGG
51 GGGTGTTTTT TAGCTCTACC TCAGAAAAAC AAAAGAAGAA GAAATAAAAA
101 ATAAAAGTCA AGAACGAACC CTGAATTCT AAGGCTTCCA TCCAATACTT
151 CTTAAGCTAA GTTAAGATTG AAATTCTTC TCAGGCTAAT GCTGTGTGAA
201 GCAAACAAACA CTCACATTAA GAGCAAGCAT AATTCAAGA GATGCCAAAT
251 CCAAGTCAA AAGCCCACCA GAGGCAGCGG CCATGGCCAT GATGAATACA
301 AAGCATGAAA AGGTGTGTCT GTCTCCAGGC CTCTGTGACA GGAAAAGTGG
351 CTGGCTGTYG CAGTCAGTTA AATAAGTCTC ACTTCAAGCT CTKKBBCAGA
401 GCCTTCTACC CTGCTAGACT GTTGCTAATA TAAACAMGTA GTTCTGTGTC
451 GTGTA

ua1h2f.seq Length: 460 February 28, 1996 18:40 Type: N Check: 6824 ..

1 GAATTCCAAA AAATTATTTA AAAWAAAAAA AAGTCTTTT GATCTTCGG
51 TACAGTATTT TAGTTGAAGA TTAGAATTCC TTTCTCTTG AGAAAGCAAA
101 AGTTCCCTACC TTAACATCTG TAAAAAGGAA ATAAGAGGCG CCCAAGGCTG
151 TAGGCCTCTAA GGAAATKGCC GTAGACTTCA TCACAGGGCA TCTTTGWTYA
201 TCCAGCAGGG AGTTCTGAGT AGGCCAGGCT TCTACTAAAG CTGATTCTG
251 TGACCTTTA GATGGGGACT GTACACCTCAT TAAACATAGT CACCTTGKT
301 TTGAACAGGA AAGTTGGTGT TTGTTGTTT KTTTTTAAGA CAGAGTTGTA
351 CTGKTATAGG CAKKGBTTK CCCTGAGTTA ACTATGTAGA CCWGGCTAGT
401 GCCAAACTTA TCAAAATCTA TCTAKCTYTT BCYCTWGAGW GTTKGGATT
451 ARGGTGTGGG

ua1h3f.seq Length: 375 February 28, 1996 18:41 Type: N Check: 2286 ..

1 GAATTCCGAG TGCTTATGTT TGAGATGATG GCAGGAAGGT CTCCGTTGA
51 TATCGTTGGG AGCTCTGACA ATCCTGACCA AAACACAGAG GATTATCTAT
101 TCCAAGTCAT TTTGGAAAAG CAGATCCGCA TCCCGCGTTC TCTGTCTGTA
151 AAAGCAGCAA GTGTACTGAA GAGTTTCTC AACAAAGGACC CAAAGGAACG
201 ATTGGGTTGT BACCCCTCAAA CTGGATTGTC TGACATTCAA GGACATCCAT
251 TCTTCAGAAA TGTGGRCTGG GACATGATGG GKBAAAAGCA GGTGGTCCH
301 CCCTTAACD CAAACATTTC TKGGRGAATT TKGGTTGGA TAAWTCGAT
351 TCTCAGTTA CYDATGAACC AGTYC

ua1h4.seq Length: 502 February 28, 1996 18:42 Type: N Check: 8373 ..

1 GAATTCCCTTG GGAATGAAGG GCGGAATGTG GCTCAGTGT GAGTGGTCAA
51 AGTGTCCCAG TGAGGGAGAA GTCTGGAGAA GGGCAGTGGT GAGACCTGMA
101 AMCCTGAAAG CAGCTGCACT GTACACTTCA TGGCCRAAGC ATCAATCCTG
151 AGTATGCTGT CACATGTTAA AACAACTGTA CACATTGAGA CAAGCAGAAG
201 TCACCTGACT CTCTCAGTGG GACAGTGCTT CTCCWCTCAC GCCACTGTAC
251 TGACTGAGGA CGGATCCCAC GTTGGGCTGT CTGCCTAAAN TCCANYTTGG
301 RCMGCACACC CTGAGGAGCA GGCAGGCANG GCTCTGAAAG CAGAGCATGA
351 TCCAGTCAAG GCTCAGGSAG CYTCACAHNN CTGAAGRAAT CATCAGAGTC
401 ACACCTCCCT CGTGTGTACA ACCAGGAAGG AGGATGCTGC ATGAACGCAC
451 TGAGAATTCA TTCAGTGAGA CTCTGAGAAA AGAGCCTGAC ACGTCGAATT
501 CC

ua2h6f.seq Length: 496 February 28, 1996 18:43 Type: N Check: 2148 ..

1 GGAATTCTCT TTGCATAGAG GTGCAGCCCT GGGCGGCCCC GCHDHKKHHHC
51 TCCTCCACGT CCTCGGGGAC CCTGGTCTCT GCTCCCTCCT CACTATTGAA
101 CTCAGAGCTA CTGGGGAAA GAATGCAGGT TGGAGAAAGA CTCCAGGGAG
151 TCCAAGCTGG GCGAGTCCCC AGGGGGCTC GGCTCGCTGC TATCCAACC
201 CGGGCTCCSA GCTGCCCTG AAGGCGCTTG TCACAGGCGC GGGTACCTGT
251 GAAAAGAGAC GCGTGGGCAC CACCCACAG CAGGTTGCAG ACAGTGATGA
301 CGACCACTCT GAGGGAGBNC TGGTGGAGAA CCACGTGGAT GGGACCATGA
351 ACATGTTGGG AGGBBGTAGC AGTGCTGGCH VGAAGCCCC CAAGTCAGGC
401 ATGAAGGAGC TGGCTGTGTT CCGGGAGAAG GTCAATGAAC AGCACCSGCA
451 GATGGGCAAG GGTGCCAAC ACCTCAGTCT GGAGGVGCCA AAGAAG

ua2h6r.seq Length: 424 February 28, 1996 18:44 Type: N Check: 6092 ..

1 GGAATTCTTC CTTCCTTAA TCTTAAGTAA AAGAGACACA GGGATTCAAA
51 AATAAAAATT TCTTNNCCAT TCCCAGGCCT GTACCCAGTG CCCTCCATAC
101 CACCCTNCC CTCTCTAACCA GAAGCAAGGG AGGTTCAGCT TAACAGCCGC
151 TGGGGGGGGG TCAGANGGGG GGCTTCTGAG CTCAGTGTG GTCTCTTCC
201 AAATATAAAT ACATGTGTCA AAACTKGGGA ACTCCTCCAC ACCCGTCACC
251 CTGANNCCCT CCATTTCTGC TGGTGTTCGG GATGGGGAA GCCAGGCACC
301 GACTGGCTGG GVGTGTACTG CACACTTGGG GGCATKGGGC CCCACCAGTC
351 TCCTGCGYGT CGTTDGTAGV AAGAGATGGS ACYCVGGGGT YHHCCCCGGA
401 TWGGTKGGGA GGCTCCCTGG ATGG

ua2h6f.seq Length: 496 February 28, 1996 18:43 Type: N Check: 2148 ..

1 GGAATTCTCT TTGCATAGAG GTGCAGCCCT GGGCGGCCGC GCHDHKKHHHC
51 TCCTCCACGT CCTCGGGGAC CCTGGTCTCT GCTCCCTCCT CACTATTGAA
101 CTCAGAGCTA CTGGGGAAA GAATGCAGGT TGGAGAAAGA CTCCAGGGAG
151 TCCAAGCTGG GCGAGTCccc AGGGGGCTC GGCTCGCTGC TATCCCAACC
201 CGGGCTCCSA GCTGCCCTG AAGGCCTTG TCACAGGCGC GGGTACCTGT
251 GAAAAGAGAC GCGTGGGCAC CACCCACAG CAGGTTGCAG ACAGTGATGA
301 CGACCACTCT GAGGGAGBNC TGGTGGAGAA CCACGTGGAT GGGACCATGA
351 ACATGTTGGG AGGBBGTAGC AGTGCTGGCH VGAAGCCCT CAAGTCAGGC
401 ATGAAGGAGC TGGCTGTGTT CCGGGAGAAG GTCAATGAAC AGCACCSGCA
451 GATGGGCAAG GGTGCCAAC ACCTCAGTCT GGAGGVGCCA AAGAAG

ua2h6r.seq Length: 424 February 28, 1996 18:44 Type: N Check: 6092 ..

1 GGAATTCTTC CTTCCTTTAA TCTTAAGTAA AAGAGACACA GGGATTCAAA
51 AATAAAAATT TCTTNNCAT TCCCAGGCCT GTACCCAGTG CCCTCCATAC
101 CACCCTNCC CTCTCTAACAA GAAGCAAGGG AGGTTCAGCT TAACAGCCGC
151 TGGGGGGGGG TCAGANGGGG GGCTTCTGAG CTCAGTGTG GTCTCTTCC
201 AAATATAAAAT ACATGTGTCA AAACTKGGGA ACTCCTCCAC ACCCGTCACC
251 CTGANNNCCCT CCATTTCTGC TGGTGTTCGG GATGGGGGAA GCCAGGCACC
301 GACTGGCTGG GVGTTTACTG CACACTTTGG GGCATKGGGC CCCACCAGTC
351 TCCTGCYGYCT CGTTDGTAGV AAGAGATGGS ACYCVGGGGT YHHCCCCGGA
401 TWGGTKGGGA GGCTCCCTGG ATGG

ua2h7r.seq Length: 160 February 28, 1996 18:45 Type: N Check: 679 ..

1 CAGGAAATRG GACAGTCTCC AGGCKYCAGA TTGGAGGGAG CRTACCATCA
51 CTTGTTGCAT GGAGTCCCCCT GTKCCTCCGT GGGGCTCAGG TKGKAAGCTD
101 GCCCCTAWGB CWGAGCATTG BCCCATTCCCT CYGGGGTRG GASCTCSAWA
151 TBYBGCTTTM

ug1rcon Length: 533 March 21, 1996 10:19 AM Check: 6804 ..

1 GAATTCCGGCC TGCACAGACT TCTGGGATGG CGCTGACATC TACCCTCTGT
51 CGGGTTCAAGA CAGAAAGAAA GTGCTGGACT TCTACCAGCG AGCCTGCCTA
101 TCCGGCTATT GCTCTGCCTT TGCCTACAAG CCCATGAACT GCACGCTGTC
151 CTCTCAGCTC AACGGCAAGT GCATCGAGCT GGTGCAGGTC CCCGGCCAGA
201 ACAGCATATT CACCATGTGC GAGCTGCCA GCACCATCCC CATCAAGCCA
251 AACAAACGCC GCAGCAGCTG GHGCTCCGAT GAAGGGATCG GGGAGGTGCT
301 GGAGAAAGAA GACTGCATGC AGGCCCTGAG CKGTCAGATC TTCATGGCA
351 TGGTGTCCCTC CCAGTACCAAG GCCCGGCTGG ACATCGTGCB CCTCATCGAT
401 GGGCTGGTCA AMNCCTGCAT CCGCTTTGTG TAGCTTCTCT TTGGAGGATG
451 AGCTCAGGAG CAAGGTGTTT GCAAAAAAAA TGGGCCTGGA RAAAAGGCTG
501 GAAMTBCCAM ATCTCYCTMH MBCCAACCGG TGA

ug2rcon Length: 512 March 21, 1996 10:19 AM Check: 1880 ..

1 GAATTCAAAA TCACTAACAA CCATAAAAGT AAAAACCCCT TGAGAATTAA
51 AATGAACGAA AATCTATTG CCTCATTCA TACCCCAACA ATAATAGGAT
101 TCCCAATCGT TGTAGCCATC ATTATATTTTC CTTCAATCCT ATTCCCATCC
151 TCAAAACGCC TAATCAACAA CCGTCTCCAT TCTTCCAAC ACTGACTAGT
201 TAAACTTATT ATCAAACAAA TAATGCTAAT CCACACACCA AAAGGACGAA
251 CATGAACCCCT AATAATTGTT TCCCTAATCA TATTTATTGG ATCAACAAAT
301 CTCCTAGGCC TTTTACCACA TACATTACA CCTACTACCC AACTATCCAT
351 AAATCTAAGT ATAGCCATTC CACTATGAGC TGGAGCCGTA ATTACAGGCT
401 TCCGACACAA ACTTAAAAAG MTCACTTGCC CACTTTCCCTT YCACAAAGGGA
451 CTCCAATTTC ACTCAATTCC AATACCTTGA TTAWTATTIG AAACAATTAG
501 CCTAWTTTAT TC

ug3 meld Length: 711 April 26, 1996 3:51 PM Check: 4344 ..

1 GGAATTCGTG TAAGAAGCAA GAGAGAGAGA GAAAGAGAGA GAGABAYAYA
51 BNYANYANYA NYMNYMNYAB MHWMRDSAG NNNNNNNNCC TGNNMCAGNC
101 CATNCAGGGG NNTTTTTTTT TTTCCNACTT NAGNANCAAG NTGGNNCTGN
151 CTTNCTNNCC AAACCTCCNA GGNKGNNTTT ATTTNAAGGN CTGNAAGNTC
201 GGNTGNCCTN CGNCCCNTG NNTTCNACCC NNAGGNCCA AGNAAGNACG
251 NTCTTNCTNC TGNTNTNCCN ACTCTNCNAC ANTAAGNNCC TTNNCATTTN
301 NAGNCAAGNT CCNTGGNNAA CTCNTCTNAT NGCTTNNGCN AGNCAGNCTN
351 CTNCCCNNTT NCCCCNACNT GNTGNTNCCA GNSCANCCAT NCGTCCTAAG
401 GTCATCTCAG CAGACGCTGT ACGATGAGCA CACAGTCTTC CAGTGAAATC
451 CGCCGTGATG GTGATGAGCA GCATCCTCGT GAGAGGAGAT TGATTTGTG
501 GTTACTACGG AGCTTCTCCA AGAGAAGGAT GAGTACAGGA TAGGCAGAGG
551 ATGCCTCTGG GACCCTCGGG GTACATGGCA CTCACACCTC TCATTGCTGT
601 GACAGGACAC CTGACAGAAA TGACCACGTT TCAAACATGT GAGCCTTTC
651 AGGACATTTT AATAGCAAAT AATGTKGGAA TAGGACATTA AATGGTAGGG
701 CATAAACAGA A

ug4rcon Length: 455 March 21, 1996 10:20 AM Check: 6242 ..

1 GAATTCCCTGT GCTTTCCACT GTGTGGCTAT TGGGGGAAAG TGCTGTCTTA
51 AGACATTCTG ATGTTTCTTA CCAGGTTTGT TTTCTTCACA GCCCTAGGAC
101 TGGACAAGAA CAGAGTCATA GAAACTGCTC CTCTCAGTTT CCGAAGCCTG
151 CTAGGTGTAC TTGGTATTGA AGCTGCTCTA GACAGCCTGA TAAGATGTGTT
201 CAGTGGAGAT AACAACTAGT CTCCCGCYGG CAAACACACA GGAACATTGC
251 TGGGCTGAGG AACATTCAAA ATATGTTGAC TATGAGCATT TCTCTTTCC
301 AATTAGAAAC CATATCCTTC AGACATGAGT TTGTGTGCAT TAGTGGTATA
351 TTACATATGA ACTCCCCTGG CATAAAAAAA AATMMAGCTA TTAAGATATG
401 TTAATAGTCA ACATATTTTG AATGTTCCCTC AGCCCAGCAA TGTTCTGATG
451 TTTCT

ug5rcon Length: 225 March 21, 1996 10:20 AM Check: 7110 ..

1 GAATTCTGTA CACATCCTTA TGAAAAGYAA GGGGGTAGTG CTGTCACTCA
51 CATGCCAGTC GCTAAGAATA AGCAGTAAC AGGAATTATT GAGAAGTGCA
101 AWCCYWGTAT THAATCAGYT CTKAACCTWC AGAGCCTTAT AGCMAACWAG
151 AAWWGCYWGW AYCTGTAGCA ACTTGGGSCC ACWKATKGGT AGGWCCWYYG
201 TAGTAACAAG AGAGGCACAC ACTTT

ug6rcon Length: 368 March 21, 1996 10:20 AM Check: 3596 ..

1 GAATTCTGTTG TATAAGTCAC AAAAATCTAT GATGAAAATA AAACGAACAA
51 ACAAAAAGAA GAAAAGAAAG AGAAAAACAA AACAAATACTC CACCACATTA
101 TTTCATTCTTA CAGTGAATAC ATAACCTCTA AGTCCATCCT AAGTGTGGCT
151 TTCTTCCTAT ACTGCATCCA TCAGATGTTG TTGCATGTCT GTTAGTCCTA
201 AAATGAAC TG ACAAAATATGT CTTCTCTTTT TCAGAAATTG AGAGTGAGGT
251 GTAAACATGA GCAGAAATAGT CTTTTTWAAA TTTTTTACCT TAAATCCTTG
301 AAGGTATCTT GCAGTTCAACC CTCCTGCADG GTCAGTGTAA GAACCTTTA
351 ATNGCTATMC ACCATAGG

ug6?con Length: 376 March 21, 1996 10:20 AM Check: 4595 ..

1 TGNNTCGATG GATCCATCGA GGCTTGCCTT TGTTGCCTTG CTCACCTGTT
51 GATTGCTATA GAGTCCCTGG GGTCCAGGAA CCTGCAAGAG ATGGGGGTGA
101 AGGCCTCCTA TGCATAGGTT CCATATCAGM TGTTGTTGCTT GCCTGGTGGC
151 AGCCCCACAYT TTGTACCCAC TTCCTCTGCT GGCTCTAGGA GCCTGGAACA
201 TGCTCTTCCC CAGCCTGCCT CTGGCTTTCCT CTGTGGTCCT ACTCCGTGCC
251 ACAGCACAYTG GGAAGTCTTT GTGTACTAAG TCTCCTGATA GCCAGTKSTG
301 CTTTAGARTG TGGCCGCTYC CCACCGCTKG CGGGGACCAT CCATTCTTC
351 TTCTCTTTC CAGGAAGTGTG GAGATA

10022200 200200000000

ug7rcon Length: 650 April 10, 1996 10:39 AM Check: 6549 ..

1 GGAATTCCAT TATTTAAAAT TATTAACCAAC TCATTTCATG ACCTACCTGC
51 CCCATCCAAC ATTTCATCAT GATGAAACTT TGGGTCCCTT CTAGGAGTCT
101 GCCTAATAGT CCAAATCATT ACAGGTCTTT TCTTAGCCAT ACACTACACA
151 TCAGATACAA TAACAGCCTT TTCATCAGTA ACACACATTT GTCGAGACGT
201 AAATTACGGG TGACTAATCC GATATATACA CGCAAACGGA GCCTCAATAT
251 TTTTTATTTG CTTATTCCCTT CATGTCGGAC GAGGCTTATA TTATGGATCA
301 TATAACATTAA TAGAACCTG AAACATTGGA GTACTTCTAC TGTTCGCAGT
351 CATAGCCACA GCATTTATAG GCTACGTCT TCCATGAGGA CAAATATCAT
401 TCTGAGGTGC CACAGTTATT ACAAAACCTCC TATCAGCCAT CCCATATATT
451 GGAACAAACCC TAGTCGAATG AATTTGAGGG GGGCTTCTCA GTAGACAAAG
501 CCACCTTGAC CCGATTCTTC GCTTCCACT TCATCTTACC ATTTATTATC
551 GCGGCCCTAG CAATCGTTCA CCTCCTCTTG CTCCACGAAA CWGGGTCAAA
601 CRACCCCCACA GGGTTTAACT CAGATGCAGA TAAAATTCCA TTTCGCCCCCT

ug8rcon Length: 327 March 21, 1996 10:20 AM Check: 6693 ..

1 GAATTCCGGC CTTTTTTTAA GGTGTAGGGA CCACGTGCAA ATTTCAGCAC
51 AGACCACAGG TTCTAGGAGG CTCTCTCGT AAGTTATATC GTCTTTCAAG
101 AAATATCAGC CAAAAGAAAG TGGTTATTA TTTTCTACT TTTCTTGAAC
151 TTGGTAAAAAA AAATAGCCAT CTCTAAATAC TAAAGTATTT AAGTCTCAAG
201 TTATATCACT TGGTATCACT TCTGTMCTGT GTTTCTTTTC TTTATMCCCA
251 CCCCCCTTGTT GTCTGGGAGG CCATATGCTC ATKCTGCCAA CDYTGGTCCT
301 GTGTTACCAAG GCTCCAGTGC TCCTCTT

ug9rcon Length: 297 March 21, 1996 10:20 AM Check: 694 ..

1 GAATTCAAGAA GGTCCCTTAT CCTTCCTCA AGCAACTCTT GGTTTCCGT
51 TAGATCCTAA CCCTGATCTT MTCAGCAGCT GTCTGTCAGG CAGTCTCAC
101 CCTGAACCAC CTTCTGAMCT CTYGCCATCT TTTGCCTAAA CATACTATTT
151 MCTTTGGGG ACTAAGGTTA TGAACTGAGG GGGAGTGGSC CTAGGSCCCT
201 TAAGGTAGGC CTTCTWCGGT TCTGGGACT AAGAAAACCA GAACTTYCCT
251 AAGYTGCCTC TGGVAAGCCT AAATCCSST ATGCTCCCCC CAAAGCA

ug10rcon Length: 160 April 10, 1996 10:39 AM Check: 1620 ..

1 GGAATTCAACC ACCACCACNA CCTTCAGCTC ATCGGATGTA CAGTTTACAG
51 TTGAGTAACA GTGAACGGAA GGATTTCTT TCTTGGTCGG ATGTGCAGAA
101 CTTGGGATGT GTATATATAA ATATATAATA TRTATAAATA TATDTAATNC
151 NGACTTAAAT

ug11rcon Length: 532 March 21, 1996 10:20 AM Check: 2068 ..

1 GAATWCGTTC CCATGTAGGA GGTAAAACCA ATTCTGGAAG CATCTNANN
51 TTCCATAAAAT AACTTTAATW YTTAGCATAA TDACNGCCTT NGATTGTCTG
101 NANCTCAGTA GCTATTAAAT AACATCGAGT AACATCTGCA TCAGGCHCTC
151 AGAATATACA GTTGAGTTGG GAGTAAACTG AAAAGACAAA TGTGTTGAWG
201 DCTATGCCAN GGGAACTCTND CTCAAAGCCT AACACAGNAD DCANCTTCAT
251 CCCAGTGACD ATNYTGGACG TACAGATGGT GATDGCAAAG GTGTAGAAC
301 CATTTTTCA AAGACTAAAT CTAAAACCCA GAGTAAAMAT CCGATGCTCA
351 GAGTTAGCAT AATTGGAGC TATTCAGGAA TWGCMGAGAA ATGCATTTM
401 ACAGAAATCA AGATGTTAWW TTTTGTAAAA CHAWAWWCAC TTGAGMAACT
451 GTGTTTCATT TGCTGTAWC AGTTTTAAA AGTCARATGG AAAAAGCAAC
501 TGAAGTTCCCT TGAAAATAGA AAATGTAATT TT

ug12rcon Length: 467 March 21, 1996 10:20 AM Check: 5832 ..

1 GAATTCCGCGG TGTGGAGGCT GGTGCTGAGG CGCAGGCTGG GCTGGCGAAG
51 GTTGGTGACT TGTGTGCAGC CAGTGAGGCG GGTACACCTGC ANGGGGCCT
101 TGAATGAAGG CTGCTAGGCG AGATCAGTGA AGAAGGAAGG GGCTTGGGTG
151 GCGGAGGCCG GGGAGAAATCA TGGAGGAAAG ACCNNGGBNN NBAGGCTGAT
201 GGGSGGGTTA CTGTAGAACG TGTCCGAGGA ATCTGGAGAA ANGGGAGACC
251 TTNGTTAGA CCGATTTTKC AAANCACCTGC CCCTTGTGTTGG AGCTACCCCC
301 CCAAAACCCC TGDNNGGCCCTGCTGCTACCGA CAATGGGCAG CCTCTGTTGG
351 ATGCTCCCTG TCTGTCCAAG CTCTGACCAT CTCTATATCT AGTGCTTGTA
401 CCTAGGTCTG CCTCACTCAT TGAATGGAGG AATGTTCCA GAGTAGGGCC
451 AGGTCTTCTC AAAGTGG

ug13rcon Length: 344 April 10, 1996 10:39 AM Check: 5678 ..

1 GGAATTCGTT TCATAATATT TATTTTTCA TTTGGGAAC GGGGATATTT
51 ATTAGGAAG GATGGTTCAAG CTCTTTAAA TCTTTGGCT CACTGATGG
101 GTGGGGGTG GGACACGGGG TTGAAGGAAC TTGAAAGTGG GGAGGAATGG
151 TACTATTGGC ATGGGGGTAC CTGGTATTGA AAATGGACAC ATNHNCYAGC
201 TGAGAGTGAT GTCACTHGCC TGTAAACCCA TTATTCTTTG GGATGCTGAG
251 GCAGGAGGAT TGAGAGTAG GGACTAATAA TNRCCTAGGTG CTGACAGTAG
301 AACAGGAAGG AGGGTAGAAC CTGAGTTTG TNGCCTCTTT TAAA

ug14rcon Length: 402 March 21, 1996 10:20 AM Check: 4853 ..

1 GAATTGGAG ACGCTATNCC GCTTCCATCC GTMDCDCAGA CCCTGCCGGA
51 GCCGCTGCCG CAATGGATGA TCGGGAGGAT CTGGTGTACC AGGCGAANST
101 GGCAGAGCAG GCCGAGCGAT ACGACGAAAT GGNTGGAATC AATGAADRAA
151 GTAGCAGGGA TGGACGKGA GCTGACAGTT GAAGAACGAA ACCTTTWAT
201 CTNGTTGCAT ATNAAAAATG TGATTKGATG CCAGAAGAGC ATCCTGGAGA
251 ATAATCAGCA GCATTGAACA GRAGGAAGAA AACAAAGGGAG GAGAGGACAA
301 WTTAAAGATG ATTGKGAGT TACCGGCAAA TGGTTGAAAH CTGAGBYTCA
351 AGTTAACATCTG TTGTGAACAT TCTGGATGTA CTGGACAAAC ACCTCATTCC
401 AG

ug15rcon Length: 525 March 21, 1996 10:20 AM Check: 3591 ..

1 GAATTGGAGA AGACTTACAG TGGTGGCCTG ATAAGGTATT TGGGAAAAGT
51 TTATACCTTT CATTAGAGTC CTAACAACCA TTCACTCCAT TAAATGTTTC
101 TGTTTGATTC AATGAGACIT TTATAGGACT GTTGAAAAGA GGCATCAGTT
151 TTAAAGTGCT TATCTGCCCT TTGTTTTAGA AGCAGACCAC TAGAGATCTT
201 CTGGTGCATT CCCAAGCTAG GTACCACATG CACTGWTBC TTGATGAAAT
251 GAATTAGAGG ATTGGGGTGG TAGTCTCAGT AACACATGAG AATTGTTACA
301 TTCTTTGGTA GGCATTGACT CTDMCAGGTT TGAAATGTCA AATGGACCCCT
351 AGTTTCTACA GGGCAAGCTC TAGTCATTGA TGCAGGGTGC ATGTAGGGAC
401 GAGATAAGGG CTATGGATT CCATTTATG AAGTACGTTT GATAGACCCCT
451 GTGATGCTTA GTAGACAAAG GAGTAGGCCA AATGAGAGTA GGGGAGGKKC
501 AGAAAATAGD GCCAGAGGTA AATTY

ug16/38/80 Length: 457 March 21, 1996 10:21 AM Check: 5219 ..

1 CGCGGATTCT TTATCACTGA TAAGTTGGTG GACATATTAT GTTTATCAGT
51 GATAAAGTGT CAAGCATGAC AAANGTTGCA GCCGAATACA GTGATCCGTG
101 CBGCCCTGGA CCTGTTGAAC GAGGTCCGVG TAGACGGTCT GACGACACGC
151 AAACTGGVDG AACGGNTNGG BGGTTCAGCN GCCGGVGCTT TACNGDHVCT
201 TCAGGAACAA GCGGGCGCKG CTCGACGCAC TGGCCGAAGC CATGCTGGCG
251 GAGAACATCGA CGCATTTCGGT GCCGAGAGCC GACGACGACT GGCGCTCATT
301 TCTGANNCGG GAATGCCCGC WGCTTCAGGC AGGNGCTGCT CGCCTASCSC
351 CAGCACACTG GCGGNNTCG AGCATGCATC TAGAGGGCCC AATTGCCCT
401 ATAGTGAGTC GTATTACAAT TCACTGGCCG TCGTTTACA ACGTCGTGAC
451 TGGGAAA

ug17rcon Length: 506 March 21, 1996 10:20 AM Check: 9307 ..

1 GAATTCCCGA AAACTCCTCC TGCCCAAAGC TCCCNNTAGC TACTACACTG
51 AATCCACACA GGCTTGGTAG AAACCACAGC GGTCGCCCCA AATCTGCCAC
101 AGTTAACGCT ATATGTAAAA CTTGAAACAG ACTCTYAAAA CCCCTGGTAG
151 ACTTHTAGCT TCTTGAGGGA TCANTGGTT ACAGAGTCAG TCAACATAGC
201 AACNTATDCC TCCNRGGCAT CNNGGTACGT CACCAACATA NNGSYTTGNH
251 HAGCCCGAGC CACACAACBS NTCAGBTTAC NNCGCTMGCA GTACHSVCNN
301 NARDAMGTGG STGTTYNWK GGCRGCMCTT NNTYAWCMAR CNKRAGCYRT
351 VKGNNNNNAG SWKYBNTNSR KAWYYRKGSN GCCCCAGGAC AACAAAGCCAG
401 CAGTTTCTAC TTCTGCAGCT CTTCGTTCTT AACAGTCTAG CTGACAAGCC
451 ACCGTTCACT CCCAAATCCA CTCACCCAT TCAATAGSCC TAGARGTATA
501 TTTAAG

T02120 "X67E660

ug18rcon Length: 304 April 10, 1996 10:39 AM Check: 2488 ..

1 GGAATTTCGTT GGCACCAGGG CGCCACTAAA TTAAATTGAG TCAGCGCTA
51 AATGGGTCTK GCCTGGGTAT CAGGGTAGG TTKGCCAGGA TTYYGCTTCC
101 CTAAATACTGT TTTTCTGACT TAGACTCATT TGTAATTATT GTTCATTTCA
151 TTTGTGTTTT TTTTTCTTCC TCTTTCTCT CTCTCDCDHH HNHCBTCCTG
201 TCACAATGAT AACAAATTAG CATTCCAGCK CAAAAAGAGT YCTTNNTTGAA
251 GAAGCAAAAK CAAGGACAAA GACAAGTCTY CATTGGTCCA TCCAGCTCTC
301 TCAA

ug19rcon Length: 471 March 21, 1996 10:20 AM Check: 7460 ..

1 GAATTCCGCT GTCTTCAGAA GAGGGCATTA GATCCCTGTT ACAGATGGTT
51 GTGAGCCACC ATGTGGTTCC TGGGAATTGA ACTCAGAACCC TCTGGAAGAG
101 CAGCCAGTGC TCTTAACCGC TGAGCCATCT CTCCAATCCG CAGTTATTCT
151 CTTTTACAAA TATTTTATTT TTACATGTGT TTGTATGTGC TTGTATGTGC
201 ATATGTATTT GTAGATATCC ACCGGAGCTG AAATTACATA CAGGTAGCTG
251 TGAGCMCCAT GTGAGTGCTG GGGAAATCAA CTCACCTGCC TTTTTCAAAA
301 TMAGTCCACG CTCTTAACGT TTGAGCCATC TCCTCAGGCC CCAACTTTCT
351 GATATTTCA AAATAAAAGT CAACGGTACA TCTATGGCA GGATCGAGCT
401 ATATGMAGGT CMCAAGTACTT CCAGGGYTCA CGADVTAGCT AATGTATRCT
451 CGGTGCTTGC TAAGAACTAT A

ug20r2 Length: 32 June 11, 1996 2:20 PM Check: 8690 ..

1 GAATTCCCTCT GCATAGCAAG TGCTAGGASY AT

ug21rcon Length: 333 March 21, 1996 10:21 AM Check: 8041 ..

1 GAATTCCCAA ATTTGGTTA AAAATAAAA ATTATTCTCC GGCTCTACCT
51 CGCCTCCCCA AAAGATACCG AGAGCCACAT GTGTGGGTTT TACCAAGTACC
101 CACGGGAGGA ATCGGGTCCA TGTCCACCCA AGCCAAGGTT AAAAGCCCAC
151 TCATCTACGG ATGAGAAAAT CAATTTGAAT CACCTCAGTT AAGCGTTGCC
201 TTAATTAAAC TTAATTAATA AGGGGGGGAG ARAGATTGGA GGACVATACT
251 AATTGAAARG GGCAAGCCCT THACWGCCCCY CCAACCCAAA ATWAAAAGR
301 CCGGYYGAAC MGSCTTCYT CCCTKGWTYY AAA

ug22rcon Length: 365 March 21, 1996 10:20 AM Check: 2504 ..

1 GAATTCCCCG GCTCDAGCGG CCGCTTTTTT TTTTTTTTTT TAGTTTTGTG
51 TCGTTTAATT AAAAAAAACTC AACAGGGATA AAAAAACAAG CATTTACAT
101 AATGCATACA TTCTCAACAT CTGCAGATGA GATAAATAAA AGAAGGCTAA
151 AGCAGACATA CTGTGTATTG CTTCTCTTG GTAAGTTACC AATATCCTCT
201 GCAGAAATAA AATATGTTAA AAACAAAACC CATGGTMTTA AAATAATTGT
251 CCCTTAGTAT TAACCHAAAT ATTCAAGCAAT AATTACAGTA GATGTAGTTT
301 TCAAATTGGC AAGAATGCAT AATACTTTAT TCTCTGAGGG GTAAGTAGCT
351 GCTTTCCAAA ATTA

ug23rcon Length: 331 March 21, 1996 10:20 AM Check: 2956 ..

1 GAATTCTACC TGGCCACCTC AGACAAGGAG AGGAADGAAG ATWGGTCCGA
51 GAGCTCATGC AAGTCGTCCCT GGCTAGAAAG CCCAAATGT GCAGCTTCCT
101 GGAGTGAGG GACCTCAAAG TTGTCTATAA GAAGATACGC CARTCTCTAT
151 TTCTGCTGCG CCATCGAAGG GCCAAGACAA CGAGCTGATC ACACGGARG
201 CTGATCCACC GATACTGAGA GCTCTTGGAC AAGTACTTCG GMARCGTATG
251 TGAGTTGGAA CAWCATCTTY MAACTTKAG GAAAGCCTAM CTTTAWCTG
301 GRMSGAGDTT TYTKAWTGGG TNRGGGAAATG A

ug24rcon Length: 554 March 21, 1996 10:20 AM Check: 7438 ..

1 GGAATTCCCTC GCTGCGGCTG CGGGATGGTT GGCGGTGGCG GGAAGGCCG
51 GACGGCCGGG CGGGGACCGC AGTTGTGACA AAGACTTTTC ATGGTGCAGG
101 CTTGGTGTGTT CCAGTAGATA AAAATGATGT TGGTTACCGA GAGCTCCCTG
151 AAACAGATGC TGACCTTAAG AGAACATGCA AGGCAGTTGT CGACGCTGCA
201 AGSSACCGAG GAGAGACTGA AAGCATTGCG TCCCATTCAAG GAGATGATGA
251 CTTTTGTGCA GTTGCTAAT GATGAGTGTG ATTATGGCAT GGGGCTGGAA
301 TTAGGAATGG ACCTCTTTG CYATGGCTCT CATTATTTTC ACAAAAGTTGC
351 TGGTCAGCTT TTACCTCTTG CGTATAATCT ATTGAAGAGG GATCTGTTTG
401 CAAAAATTAT TGAAGATCAT CTGGCAAGCA GAAGTGAAGA GAACATAGAC
451 CAGCTTGCAG GATGAACAAG CTGCCCTGTT AGTGCAGTGB CTTTGAAGTG
501 GGACCAGCAG ACGGGGCTTT GTTTTTAAGG AATGGAGAAA TAAATGAATT
551 CCMC

ug25rcon Length: 333 March 21, 1996 10:20 AM Check: 6780 ..

1 GAATTCCCTG GAGGAGCTCA TCGACTACAC CGGCAGGCCTC AAGCACCGAGA
51 TCCCTGCAGAG CCACGGTCAA GATGCTGAAT TATCAGGGAC ACTTTCACTT
101 GTTYCTGACA CAGTGCTGCA AAAGAATAAA GGACACTGTC CAGAAGTTGG
151 CCTCTGACCA CAAAGACATC CATAGCAGTG TTCTCGAGTT GGAAAAGCCA
201 TTGATARGAA TTTTGATTCT GACATTAGGC ARGTKGTGGG GAATWGATGG
251 YYTGCTKGCC AGGCCAGRAC AGCCMAACGG CTTCTCAATK GAGGTCAATKG
301 GKTGGRAACA ACKTTCTTTC CGGACCAAGG RAA

TUG22200 * 1624E 660

ug26rcon Length: 439 March 21, 1996 10:20 AM Check: 4650 ..

1 GAATTCGTTTC GTGCATAGCC TCCACACTAG GGTACAGAT TACTGTGTGT
51 GGGTGTGTGT GCGTGTGTGT ATGTATGAGA TATATACTGC TAGCTCCCCA
101 GAACTAGTCT GTGGGGATCA TCTTCCTGGT TAACTGATGC ACGGCCCAAG
151 TTCGGCAACA GCATCTCAAG GCAGGTGGTC CCGGGCTGTA TAAGAATCTA
201 GCCAACATG AGACAATTGT TTTCTTAGCT GATGCATTGT ATTACAAAT
251 TAGAACATGT CAAGACAGCA AGTCTCTCC TTAGATAATT TTCTTGTTAT
301 TTCAAATACC TACAGTGCNC TGACTTCAAC SCTGGGRRD ARGGARARDR
351 VCACAACCCCT AAATACYTGT GGCGGCTAAS CGAACAGAAR GGGCATGTG
401 GTGAAGACCA RCCTGGGCTA TATGGTGAGA ATTCCACCA

ug27rcon Length: 537 March 21, 1996 10:20 AM Check: 500 ..

1 GAATTCCCGC ATCATGGTTT GTCTAACCT TAGGAAGCGA CCTCGTTGGT
51 TTTCTTTAG GTCCAGGTAG TATTTCTAT TGTCCCTCTC TATATAGTCC
101 GTTTGAGGA CACTGTGAGG ATGCTCTCT GACCCCCTG ACACCGGTGG
151 GGAGGGTGCA GAATGCTTCT GCYGCCTCCT GGAGACTTGC TCTTGCTCT
201 GGCCATGCTC CTGTCTGTGG CCTTTCAAGC CCAGATGGGC ATAGTGCTCG
251 ATGAAGTYGC CTAGACAGTC CTTCAGCTCT GCTGCTACCG ACAGGGAGAG
301 GGTCAGTTA CTCTTCTGA TATTGTCCTG CCGGCCTCTC CCTATCCAGA
351 CTTYGGCTAT CTTAGGAAG CNNBCCCGGG AGCTCTGCTT CACGTCTAGG
401 TAAAACCYCT TTTYTSGAT GTCCACACGT TTGGAGGCTA GCTCCTGGAT
451 TTCSGATGTG CCCCCAGACT GATTAGGGGT BGCTGAHTCG GAGTAGTKGG
501 GGGTAGTGAG AATDCTGGGB CTGGGGATAG AGGCTAC

ug28rcon Length: 435 March 21, 1996 10:20 AM Check: 1844 ..

1 GAATTCCCTG GTTATGTGGG GATAAAAATC CCAGGCAGCC TCTACCCAGA
51 TGCCAGTCAC CTAGTAAAAA CAACCCTTTA TAGTTTTTTA AACTTAAAAA
101 GACAACGCTT GAACTCAGAA ATGTAATTTC TAACTCAACA CTAACCTGGT
151 TAATATTAA TAACTGCAGG AACAAAGTGGG GAGGGGGCAC GATGACAGAA
201 TCGATTAGGA ATTTTTAACT GTTGAATGCA CATAAGAACG CATCAGCCAA
251 ATGACCAACA AAGCAGTCCT AAAAATTCA T CAGGCCTGAG TAATCGAACT
301 TCAGTAAC TT AAACCCACCA TGGGGCAGTG TGCA TGGAAA TCCCTCTKG
351 CBCCTCCCTA AGGAGAGCAG TCTAAAGAAC AGATACCACT TCCTGCKAAT
401 TCCACCACAC TGGCKGGCCG CTCGWGCATG CATCT

ug29rcon Length: 317 March 21, 1996 10:20 AM Check: 2681 ..

1 GAATTCCAGA CTGACCCGGG CAGCCAAGGT GTGGAGCAG CTCACAGGCC
51 AGACCCCGGT GTTCTCCAAA GCTAGATACA CTGTCAGGTC CTTTGGCATC
101 CGGAGAAATG AGAAGATTGC TGTTCACTGC ACAGTCCGCG GAGCCAAGGC
151 AGAGGAAATT CTGGAGAAAG GCCTGAAGGT GCGGGAGTAT GAGTTGCGGA
201 AAAATAACTT CTCGGATACT GGAAACTTTG GTTTTGGAAAT TCAAGAACAC
251 ATTGACCTGG GCATCAAATA CSACCCAASC ATKGGGATCT ACSGCCTKSG
301 AMTTCTATCT CCTBCTC

ug30rcon Length: 340 March 21, 1996 10:20 AM Check: 9251 ..

1 GAATTCGGCC GAGCGCCGCT TTTTTTTTTT TTTTTTTTTT GAGGCAGGGCA
51 GCTAAGGAAG GTGGGTTCCCT CTGCCGGTCC CTCGAAAGCG TAGGGCTTGG
101 GGGTTGGTCT GGTCCACTGG GATGATGTGA TGCTACAGTG GGGACTCTTC
151 TGAAGCTGTT GGATGAATAT AGATTTGAGT GTGTGGTTCT CTTTTGAAAT
201 TTTTTTTCAAG GTGACTTAAT TGTATCTAA ATAACCTACC TATAGGGAAC
251 MAAGGGAAAGG TGGCTTTWAT TKACCCCTGR AAGGGADTTT TYTTCTGGGT
301 GRATAGGCTT TTTWTTWTTT TTCCAAGTTA AGAGGRTACT

ug31con Length: 398 March 21, 1996 10:20 AM Check: 5167 ..

1 CGCGATAGAA GACAGACNNG BTAGAGAGGY GGAGYAAYYC AGCAGCAGAA
51 TNCTTGCAGA GCACGAAGCC CCAGCTCCA TCCCTCCTGT TGCAAGAAAT
101 AAATTAATT TAAAGTGCCA TTTAAAATAA AGGCATTGAG CCAGGTGGTG
151 GTGGAGCAC A CCTTTAATCT CAGCACATAG GAGTCAGAGG CAGGTGGATC
201 TCTAGAGTTT GAGGCCAGCC TGGTCTATAT AAAGTGAGTT CAGGACAGCC
251 AGGGTTGTT ACAMAAGAGA AAAAAAGATG TTGTAATTG GAGTAAAACA
301 AACACAAACC GAAGAACATG TTACAGGAAT AATKTGAGAG AGTCACYGCT
351 TTAGRATGAA TACTGTGGGG TTTTCTCYGT GTGTTCTGG GGTGTTT

ug32rcon Length: 618 March 21, 1996 10:20 AM Check: 256 ..

1 GAATTCCCCC TAACTGCTTC CTGCTAGAAC ATCAATTAC TTTATCAAGT
51 TCATACTCGT GCTTGAAAAA GAAGAACAGC AACACACCAC AGCATCCATC
101 GGGCCTGACC TTCTCAAAGT AAACACAGAG GGGCCTCTGA AAGGCAAGAA
151 CCATTAACTC TAAAAATTCT TCCCTGCCTTG GAGTGGAGGG GGTGGGGAGG
201 CAGTGGATAC GTGTGCAGGC ATAGTAGTGA CAGAACTCAG CTGATGTTCT
251 GGGGTTGGGC CTGGGAGAGA TATCATAACAG GACTCGGCC ATTGTTACTC
301 TCTGGCCTAA AGATTTGAA ATAGGACAA GTTGTCCATG AAGAGGGCT
351 GAGAACCCAG AACTGGTAT TATAGCATAA TTTTAGAACT CCGTGTGCTG
401 TGATGAGATG CTGCCAGGCT GAGCTGCBGC CTCTGAGATG CTCGGCAGTC
451 AGAGTGTGCTAAGAAAACC CCTCAGTATA GGAACAGACT CTAGGTGCCT
501 GACATTGTG GCTCTAGCAT CTATATTCAA TAGTTTHCAC ATGATAGGCC
551 TGTAAAACAT ATGTTTCTGA GGACAAGACA TTTCTAAGAG AGCTCTGGAG
601 GTTATTGAA CAGGTTTT

ug33con Length: 531 March 21, 1996 10:20 AM Check: 901 ..

1 GNGGCGCAGT GTGGTVGMAT TCTTATACAA ACCGACAACT GTCACCAAAG
51 CTTATAAAAAC ACGATAGTAC TGTCCTCTT TTCTGAACCA TCAGAAGACA
101 CAAAACGTGTT AGTGACACAA ACGGTGACAG GTAGCTGGGA CCTAGGCTAT
151 CTTATTATGA AGGTTGTTTT GCTTGTTGTA TATTGTTGTA TGTAGTGTAA
201 CGAATTGTA CCATAGAGGA CTGTCCGTA CTACTGTTA GCTTCTACAC
251 ATTGAAATGT AGATGTTCA TTGGCTGTCT GAAAAGGTGT GGCTTGTCCCT
301 TCCTAGAGAG ATCTACTTAA AAACTGCTTT GTGACAAAAA CCACACCTGA
351 AGAAATTTTA AGAATTGGC CCAGTTAGTC ACTCTGTGTA ATCCCGGAAT
401 CTAGCTGCTG AAGTCTTGCG AAGTAAACTC CCCGTGACCG ATGTCAGTTA
451 AGCTGGTGAT ACCTGGAGAD GTGGTCAGTT GCTAAGGAAG TGGATTTCCC
501 AGTAGGGGTT TCTGCACCTC ACCTGTATAG G

ug34con Length: 491 March 21, 1996 10:20 AM Check: 4290 ..

1 GATTGAAACA TACCACCTCT GCCCCATAVA CTGTTCTCTC CGGGGGAAAA
51 AAATGGAAGT TACCTCACAG TTCACTGCCG TGGTATTCA TCTGTCCCCT
101 GCTTTGCATG ATTGCCATGG TACAGCATTG TTTCAAATG TTCACTGTGA
151 TCTGTGGTC TTTGAGTTTC AGTGAGTTG CTGAAATGTC GAAGAAATAT
201 TTCCAAACTT CAATGTTCAA TGAAATTTT GTTCAAGTTT GAAATGGAGA
251 GAGCAGCTTT AAAAGGTACT AAGCCTTTA CAAATTGGTG AGTACTGGCA
301 CATGAGACCT AGAGCAGGAC CAACTCTCA CACATAGTCA GTGGGAAAAG
351 AAAGTGCCTT GAAAGTTCCCT CCCTCMCTA CACAGTAGTC GTCATGTCGA
401 GACCTGCCAG AGAGAGACAC ATTCTCAAGT GAATCCTGGC TTCTTGGAAAG
451 CGCCTTSCCT AGACGAGACA CAGTGHICATT AAAACAACCTT T

ug35 con Length: 389 April 26, 1996 6:12 PM Check: 3786 ..

1 GGATTCTCTA CATAATTGAA AAGGAGGCAN NGTCTCACTA TATGGCTAAG
51 GCTATCCTGG AACTTGCGAT CCTCCTATCT CAGCCTTCCA AGTGCTAGGA
101 CTACAGGTGT GTGCATCTCC ACTATCAGGC CTCACTTGTA GATGGGAAAC
151 AGGAGTGCCTT CATCTGAGAA TATGCATGGC CTCACTAATA AAGCCAGGAC
201 CACACCACAG CAGTCCAGGT TGTCTBCGGC GATGGGCTGA CCTTCTGGGA
251 CATATCTACT CTATGTCCAA GCCAAGGACA CTGMCTTTCC CCATGTGAAC
301 CTAGTCCTCA GAAATGAGCC AYCCCTTCGA ATGGATTATG GCCACTGGAT
351 GTGAAAAGGG ATGCTGTTGT TTTGTTATTG GGAAGCCCT

ug36rcon Length: 605 March 21, 1996 10:20 AM Check: 4669 ..

1 GAATTTCGCTT GCTTCAAAGC CAGCCTTTTG GATTTCAGAT GAGCCGGGG
51 TACCCGCAAT CTATGTGCCA GGACGCCAGA CCCGCTTATT GAAATCAGAG
101 CTCTATTTG CCGGCTGGGA CCCACGGCCC AGAGCCACCT AGGTGCTAGT
151 CGAGGGCGCA CGGAGCTGAG CTCTCCCGCG GCTCCCTGCAC TTCCCTCGGT
201 CCGGCCTGGT CTTGGCACTC GGGCTGTTTG ATTGGTGGT GCAAGAAAGG
251 TATGCGTTGC ATACGCCCTA GCCCTTGCT CCAACGCTCT CAGCCCCCTT
301 GGCTCAGACA GTCCACTCCT AGGTCTGGTT CTCACGGCCT TCCCTGCAGC
351 TGGCTTAGCT GAGAAGGCGG TGAGAGTCGC GTCAGCAGTT TTGGAGGAGA
401 AAGTGCGGGT TGATTATTGA CCCACGCCCTT CTTTCTTCAA ATGCCACATC
451 CGACCCTGAG GGTGGAAGA GAAAAAGCGG CCGAGCBGHW TTNNYCGGCC
501 GGCTCTCACCC TCCTAMACGT CCCGGCTCT TCCCTTTCAA GTTGCGCCGC
551 TGCAATCTGC CATAAGGAGC AAGTGTGTC TGTTTGTGC TCTGTTACA
601 GCTTT

ug37rcon Length: 465 March 21, 1996 10:20 AM Check: 2726 ..

1 GAATTCTAAC GCGTGCAGA GTCAGGGCT CGTCCGAAAG CCGCCGTGGC
51 GCAATGAAGG TGAAGGGCCC CGCCCGGGGG GCCCGAGGTG GGATCCCGAG
101 GCCTCTCCAG TCCGCCGAGG GCGCACCAACC GGCCCGTCTC GCGCGCCGCG
151 CCGGGGAGGT GGAGCACGAG CGTACSCGTT TAGGACCCGA AAGATGGTGA
201 ACTATGCCTG GGCAGGGCGA AGCAGAGGAA ACTCTGGTGG AGGTCCGTAG
251 CGGTCCGTAC GTGCAAATCG GTCGTCCGAC CTGGGTATAG GGGCGAAAGA
301 CTAATCGAAC CATGTAGTAG CTGGTTCCCT HCNAAGTTTC CCTCAGGATA
351 GCTGGCGCTC TCGCTCCCGA CGTACCGAGT TTTATCCGGT AAAGCGAATG
401 ATTAGAGGTC TTGGGGGCCG AAACGATCTC AACCTATTCT CAAACTTTAA
451 ATGGGTAAGA AGCCC

ug39rcon Length: 681 March 21, 1996 10:20 AM Check: 431 ..

1 GAATTCCGAG CAGCAGAAGA TGGCGTCTA AAAAGGGCG ATCAGATCAT
51 TGCTGTCAAT GGGCAAAGTC TAGAAGGAGT GACCCATGAA GAAGCTGTTG
101 CCATCCTCAA GAGGACAAAG GGCACCGTCA CCCTCATGGT TCTCTCTTGA
151 AGTGACTGCC AGAGCTGAAG CAGCCCCAGCC ACTGGCTCCC CTCCCTACTGT
201 AACAGAGAGG ACCTGTTTGT ATGCTGTGTT GGTCGGAGAA AACTACAGGG
251 AGGCGAGAAA CAGAGTGTGT GTTACTCACA GCCAAGCATIC ATTTTICCTT
301 TACTCTGCAT TTCATGATCA TATACTCAA AAGAAGAGAT ATTTGCATAG
351 ATAAACCTCA GTTTTATCTC GACAATATCT AACAAATTAA GGTCACGTGG
401 ACAAAATTAT TATATGTTCA TCTTGTTAGT GTGGAAACAA AATGATACAA
451 AGTTAGGCAA TTAGGTTAAA GATGGAAATT TAGAGAAAAA GAAGACAGTT
501 TTGAGTTTA TAGGACTTCT TCAATCCAGC AGTCCAAAAG AAGAAAAGAA
551 AGTGCTTGCA ATACTTTGA ATAGTCTACT GTTTTAAAAT TGTGACATAT
601 TGGTCCTACT TACCTCTAAT GCATATTTT CTGCTAAAAT TGTTTAGCAG
651 TCCTTGTAAG CTTTAAAAGR AATTCCYGT T

1001290 = 2626660

ug40rcon Length: 538 March 21, 1996 10:20 AM Check: 3661 ..

1 GAATTCCCTT CAGAATTGTC ACCCCACATA AAAAGTTTTC CATCCTCAGT
51 AAGAGCAGCG GATGTATTGG CGCCAGCAGA GAGCTGTTA ATGGTATCAG
101 CAGGTGTAAA GAAGACAATT TGATGAAAGG TGTCTCTATC GTCAGTGTCA
151 CCAAGCCCCA GTTGACCTTC ATTATTTCCA CCAGCTGCAT ATACGCCACC
201 AGTATCTGTT GAAACTAAGG TGTGGTCCT TCCACAGGCA GCAAGTTCA
251 CCTTCTCAGG CTTAAGAGCT TTGATACATG TTGGCTTGAT GATAGCAGCT
301 TTTGATCCTA ATCCTAACTG ACCCCAGTTG TTACTGCCGA ACATGTACAA
351 TTTTATTATTT CCTGTAAACAA TAGCAGTATG TTCATCTCCA CATGAAAGAC
401 ATATGGGTAT GTCATTTTTA AACCGAAATT TGCTAGGAAT ATTTTCGGCA
451 AATTTAGTTN NNCAAACGTT AAAAACAGCA CCTGTATCGG GCACCAGTGA
501 CTCAGATTCC GCCATGCCGA AGCCTGCGAA CGGAATCT

ug41rcon Length: 130 March 21, 1996 10:20 AM Check: 4316 ..

1 GCGCTCTNG CKRNNGTCAT GGCACTNTAG GAGNGTGSCC AATBRCGCSC
51 CTATTAKGTN GASTGCGTHN TTTARCRATT TACASCTKGG GCCGGTTCGT
101 TTTTTAGCVA ACCGTAYGGT SGATCTTGGG

ug42con Length: 422 March 21, 1996 10:20 AM Check: 7052 ..

1 ATTCTCAGGC CTCCCTAGTC ACTGAGACCA GGCTCTTCCC ATCAAACCTCC
51 TTGAGCTGCT GCACGCAGTA CTCGTCAATA GGCTCAGTCA TATACACCAC
101 CTCGAAGCCC CGCTTCCGCA CTCGCTCCAC AAAGGCAGAG TTGGCCACTT
151 GCTCTTGCT CTCACCAGTG ATATAGTAGA TGGACTTCTG GGTCTCCTTC
201 ATGCGAGACA CATACTCTGA CAAGGAGGTC ATCTCATCTC CAGACTGAGA
251 GGTGTGATAG CGAAGGAGCT CAGAGAGGCG GCBGCGGTTA GTGGAATCTT
301 CATGAATTCC AAGCTTTAAA TTCTTGGAGA AGGCCTCATA GAACTTCTTG
351 TAGTTCTCCT TGTCTCAGC CAGCTCGGAG WAKATGCTYC AHGGCACTTC
401 TTGACGATGT TCTTGCGGAT GA

ug43rcon Length: 383 March 21, 1996 10:20 AM Check: 8524 ..

1 CGCAGTGTGT SNTCGCATT AGTTTTTTTYBGCACCT TATTCCTGTC
51 GTGTCTTCAC TAGAGATAAT CAGGGTGCCA CTACTGCTTC TTACTTTGAT
101 ACCTTTAGCA AAAATCCCAA TGAGGTAATT TATGGTTTAG TAAATGAAC
151 CAATAGCTTT TTKGTTTCAA GAGTCCAACA ATCCTAATTTC CTTGAACCTT
201 TTCTTAGAGG TTATATTTTC CAATCTTGGT TTGTTTCTT TAAWTTGT
251 TCYTTAWCTT TCTCTCATTC TYACGKKATT TCTGAAACAA CACCCCACTA
301 GGAAWTTGAG CCCMCAGTTC AATTKGACCT CACCTCCTAA GAAGTGGSC
351 TTCTTTTCAG TGGACCACCA CTWAAAGGRA AAC

ug44rcon Length: 609 March 21, 1996 10:20 AM Check: 6689 ..

1 GAATTCCGT GGGCAATGAC ACACACACAC ACAGAGTGAG GGAGAGAGAG
51 ACAGATACAC ACATACATT GAATGAAATT TTAATTTAAC TCATGTAATG
101 CCCTTGAGAC ATGGAAAACG CAGTTGTGAG GTAAACCAT ACAAGCTTAA
151 GACTTTGACA GCATCAAATT GATCACCACG TTTACTGTCA GAAGCACAGA
201 ATTCAATGGTT TCCCACCTTC TTTCCTACGT TAGATAAGCT TGCTAGTGT
251 GAGTTTGTCA TAGGCGATGT CTTGTTCAAG TAGGCTGTTA ACGATTCA
301 GTTGTTCATA ATTAAATATG AGTTTTTAAG TTATTGATGC CCCCATGTGG
351 TGAAAAGCGT ATCTTTCCCTC TGTTAGAACT TGAAATGAC TATATTICA
401 TTTTAATAAA AGTGGATAAT AATGTTTTTG GGAAATGCTG TTGATCAGGG
451 ACATAATTG AATTTTGTAA AGCTCATTGC CATAAAATTAC ACAGCCTCAC
501 CCTGTGTGT CTCAGAAGTG CATGTAACCA AGCACGCCA TTGAGACAAA
551 GTATAAGAGA GACTGAGTTA TAGAATAGCM TAGGGCTTTT TCYGATCCAT
601 GTTTGDTGA

ug45 Length: 325 April 26, 1996 3:26 PM Check: 5252 ..

1 TCAGACCAAC ATCAATCGAT TCATTAATA TCTTACACTA TTCCTGATTA
51 CCATGCCTAT YCTCACCTCA GCCAACAAACA TATTTCAACT TTTCATTGGC
101 TGAGAAAGGGG TGGGAATTAT ATCTTTCTA CTAATTGGAT GATGGTACGG
151 ACGAACAGAC GCAAATACTG CAGCCCTACA AGCAATCCTC TATAACCGCA
201 TCGGAGACAT CGGATTCTATT TAGCTATAAG TTTGATTTTC CCTAAACATA
251 AACTYATGGA GAACTTCAAC AGATTATATT CTCCAACAAAC AACGACAATC
301 TAATTCCACT TATAGGGCCT ATTAA

ug46 Length: 360 April 26, 1996 3:26 PM Check: 3343 ..

1 TTTCGATGGAT TCCATCGAGG CTIGCCTTIG TTGCTTGCT CACCTGTTGA
51 TTGCTATAGA GTCCCTGGGG TCCAGGAACC TGCAAGAGAT GGGGGTGAAG
101 GCCTCCTATG CATAGGTTC C ATATCAGTGT GTTGCTTGCC TGGTGGCAGC
151 CCACATTTGT ACCCACTTCC TCTGCTGCTC TAGGAGCCTG GAACATGCTC
201 TTCCCCAGCC TGCCTCTGGC TTTCCCTGTG GTCCCTACTCC GTGCCACAGC
251 ACTTGGGAAG TCTTGTGTAC TAAGTCTCCT GATAGCCAGT GCGCTGCTTT
301 AGARGTGTGG CCGCCTTCCC ACCGGCGTGG CCGGGGACCA TCCATTCTT
351 CTTCCCTCTT

ug47rcon Length: 456 March 21, 1996 10:20 AM Check: 5786 ..

1 GAATTCTGTTT CCTGACATCA AGAAAACACT GCAAGTTCCC AGGACAACGG
51 GGACAGAGCT GAAGCTGGGG ACAGAACGAG GGTGCTCCCT AGGCTACTTC
101 TGTCTGGTTT TCCAGGCCACC CAGACCCTGA CTTGGGGCGT GAGTCCTTAA
151 AATAGCTACA GTACAAGTAG GTATATGAAA GTGGAGTGTC CTTCAGAGTT
201 CAAGCTACTA CAAAATGATA CCTGTCCCCT CCAGGGAATC CCAATTCAAGA
251 AGTCAGAATT AAAGTGGCCA ATTATCTCTG AGACAGGGAG AGAGAGACAG
301 CCTTGGAACG TTGCATCCAT GAGGACAGTA ATTTGTAAAT GCTAAATGGT
351 ATCCCCCTTC ATACAATGTG GCAAGGSATA TATGTCTTAA AACCAAGCTTG
401 AGCCAGGTAT GGTGATACAC YYCTGCAATC CAAACAMYTT GGGAGGCGTA
451 GAGAGA

ug48 Length: 274 April 26, 1996 3:26 PM Check: 2576 ..

1 GGAATTCTGAT CGGCCTATCC CACTAAACTG CTGGCTGGAG CTCTGAGAGC
51 TCCTCCCTGC TGAGGCGGTG CTGCTGCCCG CGTAAGTGCC AGCAGCATAC
101 TCCTGCGCCG TGTAGCCACT GGTTGCCATA GGCAAGCTGCC CCATAGGTGC
151 CTTGAGCATA GGTGTATTGG CCTGCTTGTG CCCCAAAGGC AGAATTGGG
201 CTTCCATAGC CACTGCCATT AGCATAACTG GCTCTATCGG GTTTCCACTA
251 CSGATCCCTG TAAGCTTGTG GAAT

ug49rcon Length: 521 March 21, 1996 10:20 AM Check: 2751 ..

1 GAATTCTGAA AAGGAGGCCT CGAACATCTGAG TGACAATGGG CCCTTCTACT
51 CCAGGGACAA TGATTGTATC CCCTTCCTTC AAACGTCCAT TGATCAATAT
101 GACATCTATT GTGGTGCCCCA TTCCTGGGAG AGCTTTAACCC TCCATGACTT
151 GTGCTCTCAG CTCTTCACAG TGTGCAAGCC TCTTGCTCAA CATGGTTGA
201 GTTAACCTCCA CAAGAAGGTA GATGAGACTT CCCATGCCAT CACCAGTATG
251 TGCAGAGGTA GGTACCAAGG ACACGAAAGT GCGGGGGATC TTTATTCTCA
301 TAAAACAAAG CAGCATTCAA ACCCTGCTGT GCAAATTCTA CAATAATGGC
351 CTTTGCACGC TCCTCAAATT CATCCTTTGT ATCCTTCTTC TGCTTTTTA
401 AAGTAACAGC CWCATCTAGR ATCAGGASTB TTYTTTCCAA TCATATAACC
451 TGTTCATCT TTATTAAGTG CAACAATGAA GGGGCACCTT TTAGATTGA
501 GAATKTTGAT TGATTCATT G

ug50rcon Length: 575 March 21, 1996 10:20 AM Check: 259 ..

1 CTCAGCTATG CADVVVNNTG GTACGAGCTC GGATCCACTA GTAACGGCCG
51 CCAGTGTGGT GGAATTCTTT TTTTTTTTTT TTTTTTGAGA CAGGGTTCT
101 CTGTATAGTC CTGGCTGTCC TGGAACTCAC TCTGGGATCA GGGTGGCCTT
151 GAACTCAGAA ATCTGCCTAC CCCTGCCTCC CAAGTGCTGG GATTAAGGC
201 GTGCACCAACC ACTACCGCCC GGCCACTGAT ATGCCTTAAG TGACAGACAT
251 TATGCTGTGTC ATTAGCTTT CACAAACAGT ACTGTCTCTA CAAGGCATTC
301 AGATACAAGG AGCCTCAAGT ATCTCCTTAC TGATAAGTCA TGTCAAGAGG
351 CTGCACTTCA TATGGGGTCA TTTATAATGT ACATGATTTT ATTGTATAT
401 TACTACTGAT CATGTACCAAG GGAAACTATT CTCAGAACCC AGTTTTGTT
451 GGAAWACAAA AAGTGCAATA TATGACTCAA GTGCAAAARA AATCCTCCAA
501 TTTTATTCT GTAAGGACAG GCTGGGCCTG ATGCACACAG GTCCCTCCCC
551 GGACTAGTAA GGCAARATGC AGCTA

ug51rcon 26/04/96 10:58:55

ug51rcon Length: 449 April 26, 1996 6:12 PM Check: 5178 ..

1 GGAATTCTTT TTTTTTTTTT TTTTTTTTTT TTTTTAGAAC AACTCAGCAA
51 AATAAAATTC CGGTTTATTG TTGGACATTG TTTCACACAT ACATCAAACA
101 GGCCAAAAAA AAATAAACAG CAACTTCATA GACAGAAAGA AAAGGAAAAAA
151 AAAATCTTT TTATCTTGG CCTTTTTAAC CATCTCATAC AAACCAACTA
201 CTTATAGTAC AGCTAGGTAC ATACACAAAA GTTACTGGAA TGCTCGGAAT
251 AAGATTGTTT TTTTGTGTT GTTTTGCTT TTTTTTACAA GGTTTTTTTT
301 TTCTCCCTTG AGATTATAAT GAACATGGTC ACACCACAAG TAAAGTCTGA
351 AGTAGGACAG AAAACKCTCT GAAGGCTGGT TTGGTCACCC GTTATCATTA
401 AAAATGGCTG GACCCCTAAC AATATGTTAC AAAAATTAA AATGTTAAT

ug52rcon Length: 487 April 10, 1996 10:39 AM Check: 5163 ..

1 GGAATTCTTT TATCATAAAA GTGTTGACGT TTATTTATTA TAGCACCATT
51 GAGACATTAA GAAGTTGGAA TTGGTAAAAA AATAAAACAA AAGCATTGAA
101 CCTGTATTGG GTGGTTGAAA CAGCAAAAAA TTGTATTCTT TTTTTGTCAA
151 ATTATGCTTT TTCCAAAAGT TTGGAAATAA ATAACGGAA TTTAGTTGGT
201 CACTTGCACT GGTTGATAAG ATTAAAACAA GATGAACACA TGGATGTGGT
251 TTTTGTTTG CTGGGGTTTC AGAGAGTTTD GCTTATAAAA AGCAAACAGG
301 KCCAATGTCC ACACCAAATT CTTGATCAGG ACCCCCACATG TCATAGGGTG
351 CGATATCTAT GATGGGTAGT CTCATTDCCT TGCCTGTTG ATATTCAAAG
401 ACTGTCTTDC DCCATTCCCC AGTGTGTTA GTACAGCCAT TCCTCTAGAA
451 CTGTGTAAGT GAATTGTTCTG TTTCCCTCCA GCCTTGA

0963628000000000 ug53rcon Length: 399 April 10, 1996 10:39 AM Check: 937 ..

1 GGAATTCCAG ATCAGCTCCA ACCCGGNGCT GGCA GCCATC TTTGAAAGTA
51 TCCAGAAAAGA TTCTTCGTCC ACCAACTTGG AATCAATGGA CACGAGTTAG
101 ATGTGTGCNC CCCGTGAGGA CCATTCCATG TGACCGCACA ATGCAC TGAA
151 CGACAGGTTG ACCACAGCCA CGGGAGAGAA GTGTCCAGAG CTTCACGATG
201 TTCCACTTTA CTTCCTTCC CGGGAAAGTTT GTTTGGCTTT CTTCCATTGT
251 TGTTTTTGTA GCTTTWCTT CAGAAGTCTG TATTTCCATA AGCCAGAGGT
301 TGTAAAGCCA CTGATGTTTT TAGTGGTTAG GGCAACATTT GAAATGGGAA
351 CTTAADDNCT TGGATTTATG AAATGTGGAA ATAGGGTCCA GTATCTGTT

ug54 Length: 343 May 30, 1996 10:49 AM Check: 1736 ..

1 GAATTCCCGG GATTTCATGA TTTAAAAGGA AACATGGTGG TATTAACCCA
51 CTTGGCAGGT GTCAAATCCT CATGACCAGC TTAAGACAGA TCCTAGACGG
101 AAAGGGAGGT GCAGGCCAAG TCAGGGCTTT GGGGTGCACA GGGAGCCAGT
151 AAGGAGGGAGA CCGTCTGGGT TTCTTCCCAG ATGTTAACAT CTTCTGGCT
201 CTTACTCACT CCCACCCCTTC CTCGTAAACA AATCAAGGCG AGCCCTCTAA
251 GGCTGGAGAT AGCCCAGTCC AGCTCAGATT TAATACTCTA GCCCTTCCCC
301 TTGTGTTATT TTTHMCMAGC TGCCCTCTGC CTCCAACATA TGA

ug55rcon Length: 203 March 21, 1996 10:20 AM Check: 2802 ..

1 GAATTCGAAC AGGCCAATSA GGAGCTTCGA GAACTTAYCC AGAATGTSAA
51 AGACTTSCCT CAGCCGTGAG CCTCCCATGT GGCCCAGGCC ATGTGCTTGC
101 TTCCCTTGIG TCTGTGIGTA CTTGAGTCTC GGTGTCTGCA ATGGACATGT
151 GTTTATRACC CTATGTCTGG CCCTGAGTCS CTGTCCAGTC AATGTSCCTA
201 AGT

102200 2626650

ug56 Length: 441 May 30, 1996 10:47 AM Check: 5801 ..

1 GAATTCCCTC CTCCCGCAGT TGACAAGCCA AGCCGCCAGC TAGCTTCATC
51 ACCAACTCGC TCTCGCTCCA CCATCCTGGA ACCCTTTCCC AGCTTCACCA
101 CCACATCCGT ATGGCTCCTT CTTCCCTAGCT TCCTCCACCG AACCGCACTC
151 TTTCCCTGGGC TATCTTCACC ATGCACTGCT GCTGCHGGCT CCTCAGTCCT
201 TCCTAGCTTC ACCAAACTGG CTTCGGGACT CCTGTCTGCC GCTCCTGTCT
251 TCCTAGTTCA CTGAATGCAC TTCTGTGTAG ACCTGGGTCA GCTGCCAATG
301 CTAGTCGTTA GGATTTAAA AGCACCTCAG CTCAAGTCCA ATGCAAAATG
351 CTGACAATCT TGAAACTGTT ATCAAAAGTC CTTTTGTCAT CAAGCAAAAT
401 TAAGCTACAA GTTAAGGCTT TTAATATTCT CTAACTCTTA A

ug57rcon Length: 390 April 10, 1996 10:39 AM Check: 1663 ..

1 GAATTCTGGA AGTGTGAGCG TCTCTGGAGC AGATTTTTTC CGGGGCCGGT
51 CTTTGGGAAT GGACAGAAAT TCTGGCGCAT CTGTGGAGAG AGGGGTGGAT
101 GGGCGCTGG AGGGGGCGCT GCGCACCGAG GAAGGCAGTA GGGCGATGCT
151 GGAGATAGAA ATGGCCGGTG GGAAAWHGCC AATCTTCTTG TTGGTGGCTT
201 CCTGAGTGGC TCTTTCGAAC TCTCGCACTT CATCCATTGT CATGTCTCA
251 AAGGGAAAAG CGGAGAAAAG AATAGTTACT GTTCGGACBG GCAAATGGGT
301 TWHNHHNNCT AAATCTGGGG ACACTACCAT GAAGCTGATG CCTACCCAAT
351 CACAAACTTG ACATGTCTTT GAAATATTAG ACCCTCATT

ug58rcon Length: 426 April 10, 1996 10:39 AM Check: 9352 ..

1 GGAATTCCCTC GGTCATCACT GGGAAAGAGAG GCCCCCTTTGT CTTAAAATTT
51 TTATATGCCC CAGTACAGGG GAAGGACAGG GCCAAGAAGT GGGAGCAGCA
101 TGGGGGGGGG TGATTTCGG GATAGCATTT GAAATGTAAA TGAAAAAATA
151 TCTAATAAAAT TTTTTAAAAA GCCAGATGTT AAAATGTGAC AATAAATAAA
201 TAAACAAACA AACAAATAAA TGTTTACAA CCTAAAAATT TTAAAGAAAA
251 AATGAAAAGT GGAGATGAGG GCCCCAATT ACCTAATTTT ACTGCTGCAT
301 CCTATTGGAA AATAAGTAAC AAAAACTGTG AAATTGTTGC ATGTTTCTT
351 GGTATTTGTT TTAATGAATA GTTCTAAAC DCAGAAATCC TTGTGGAGGC
401 AGCGCAGAGT AATGCATTGA TCATCA

ug59 Length: 385 April 10, 1996 10:39 AM Check: 5045 ..

1 TCTGAGACAA GGTCTTAGTG TACACGGCCT GCATGACCTG GCCTCCTGCT
51 TAAAGAAATC CTCTTACCTC TGCCCTCCAA ACGCTGGGAT TACAGGAACA
101 TGCCACCAGA TACAGCCAAA ATCATTACCT TTTCTTCCTT CTTTCAGTA
151 CCAGGGTCCT ACACATGCTA GGCAAACACT CCAATACTAG CTACACCCAC
201 AGCTCAGCGA CACAAGCTCG TCTCTTGTGC TTGAGTCTAC AGTGAAGATT
251 GACTCAACTG AAATGTCTAC CTTGTTGATG CTGTAACACT GTCTGAGTCC
301 AGAAGGTTTT CAGTCATCCT TAACTGCAGC ACCTCTGGCA TNYNGTCTGA
351 CTTTTCTACA CCTTCTCTTG GAAGTTCTTC TATAT

ug60 Length: 299 April 26, 1996 3:26 PM Check: 551 ...

1 GGCCTAGGC GAGCAGCGCC TGCCTGAAGC TGCGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTCGTC GGCTCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CAGCGCCCGC TTGTTCCCTGA
151 AGTGCCAGTA AAGCGCCGGC TGCTGAACCC CCAACCGTTC CGCCAGTTTG
201 CGTGTGTCGTC GACCGTCTAC SCGACCTCGT TCAAACAGGTC CAGGGCCGCCA
251 CGGATCACTG TATTCCGGCTG CAACTTTGT CAATGCCTTG ACACTTTTA

ug61rcon Length: 390 March 21, 1996 10:20 AM Check: 1643 ..

1 GAATTCTTT TTTTGTAT TATCTGAAAT GATGTTTGA AACTTCTTT
51 GTCTCTGCCT CACCCCCAAC CTACTCCCT CTCCAAATCA CAAACTAGGG
101 AATCTGGAAA CCAAGGAAAA TACCAAATCC AGATTTCTTT TGAAGACCTA
151 GAACCTTTA AGATGACTCC TTTCAGTGCT ATTGGTTTGG AGCTCTGGTC
201 CATGACATCC GACATCTTT TTTGACAAC TATCATTAK TGGTGACCGA
251 AGAGTAGTTG ATGATTGGGC CAATGATGGG TGGGGGCCTG AAGAAAGCTG
301 CTGATGGGGC TGCTGAGGTT AKTGATTGTT CATTAATTGT GGATTIWTAT
351 CCACTTTTG GGGGGAGACT GATTACTTTT TAAAAAGCAG

ug62rcon Length: 389 April 10, 1996 10:39 AM Check: 7747 ..

1 GGAATTCGTC AGTGAGTGTT GACTCATCCA AATACCAAGT GCTCTGGTCT
51 GAAGCTGAGG GCCCTGCTGT AGGGTCCGGA GCCCCACACA CTGTGTTGAT
101 GGCTGTGGAC TGGGAGGAAA GGAGCTCGTC TAGAAGACGC TGGGCTGTGG
151 GGAGAATCTG CTGAGGAAGC TCACTGATAA GGTACTGAGC AAATTTTGA
201 AGCTGGTCCC TTTGTAGCCG AGACAGGGAC TCTGAGACTG GAGCCCCCAG
251 GCAGACTGCA GATGCGTTGT GAATGCGGAA GAGGCAGAGT GCCACGACAT
301 GGGTGCACCA TTTGGCCCCG GCCCCACAGG TACAGCTACA AGAAGTGACC
351 CGGCAGCNGT CAAACATCAC AGCTACATTG TAGGCCCCC

ug63rcon Length: 344 April 10, 1996 10:39 AM Check: 163 ..

1 GGAATTCCAG ATATCTGGCC AGCATCCTTA GTGGCCTGTC GCTGTGAATC
51 ATTGAAATAA GCAGGGACTG TGATCACAGC ATTMTTTGCT GTGTGGCCCA
101 AGTAATTTC TGCGAGTCTCT TTCACTCTCA TCAACACAAA TGCTCCAATC
151 TGACTTGGAG AATAGAGTTT TCCATGAGCC TCAACCCAAG CATCACCATT
201 GGAGCGCACG GCACAATTTT AAAAGGACAC ATCTCTTAGT GTCTCTCTG
251 TCACTCTCAG GGGTCACTCA TACTCGCTCG CTCCAATAAG CACGCTTAGT
301 ACGCATAGAA GGTATTGTTT GGATTGGTSA CAGCTTCCCCG TTTT

ug64rcon Length: 354 April 10, 1996 10:39 AM Check: 3429 ..

1 GGAATTCTAT TTGTAACCCC CTAATTGTA ACCCTGTAAC CCAGGGAGGT
51 TAGACAACAC TCATTCCCTG GTGTCTTTG TCTCACTGAT CAGTCAGAAC
101 CCAGCCTGAA AGCAGTTGTA GGACTGTTT CTAAGCCCTG GGCAGCAGAG
151 GCAGGATTAG GAGTTCAAAG CAAGTCTTAA CTACATGGCA TAAAGAAAAGT
201 AGGAGCTACA GGAGATGTTT CTCTAACAG ACAGATATGA AATCTCTTTA
251 AAAACAGGGA ATGAAATTCT TAATTTGGG GAGCAATATT GGAGAACTGW
301 TNCACTTAAG AGATCACCCA TGTGATAGTG AAAATGAAA TTTAAAATCT
351 CAAT

ug65rcon Length: 387 April 10, 1996 10:39 AM Check: 5758 ..

1 GGAATTCGGC TGAGGCTGCA ATGTGAGGTT AGATGTGGAG TCACGCTGTT
51 CAGGTTCTC ATTAAGAGGA TTGGCAGTGA AATTGCCCTC CAAAGAACTC
101 TGCAGTGGGA TGTGGCACAA TTCTGAGAGT TGACTCTGAT GCATTCTTC
151 AGGTTTTAA CAGTATTGTA TTATAAACAT ATGGATATTC AATTGAGACA
201 ATTTTTATTT TTCTCCCTGG GTAGGAAGAA CCACTAAGTA AAGGGCAAGC
251 TGGGCTTGCC TGCTCTCTCT GTCCAGTTCT ACATTAGTCC AGTCTGCACA
301 GTGTCCCCATG CTGCCTGTAA WCACAAATTG TGGTTCTTGG GTTAAGAGTC
351 ATGTGTTTTC CAGACCTTGA ACTCTCTACT GAGCAGA

ug66rcon Length: 269 April 10, 1996 10:39 AM Check: 6569 ..

1 GGAATTCCCC GGCTCGAGCN NGCCGCTTTT TTTTTTTTTT TTTTTTTTTT
51 ACCATGCAAC AAAACCTTTA TTAACATTTT TTAACAGAGG TTCAGCTATT
101 ATTGAAACTT GTAATTCTA AACTAAATT GGGCAAGTG GCTAGAGTGC
151 AGAGTAATGC CATCACTGCC CACTGGGAAT GCAGACCGAA TAATTAATAG
201 CCANNNCNNC AGACGGAGAG ACCAGGTGCA AGGTCGACTC CTTCNRGAW
251 GGTTGTAATC AGAGAGAGT

ug67rcon Length: 464 April 10, 1996 10:39 AM Check: 4611 ..

1 GGAATTCCCA GAGGGGGGAT CTCATCAGGA AGGCGATGAG GATGCCTCGC
51 GCATGGAAGA GGTGGATTAA AGCCTCCTGG AAGAAGCCCT GCCCTCTGTA
101 TAGTATCCCC GTGGCTCCCC CAGCAGCCCT GACCCACCTG GCTCTCTGCT
151 CATGTCTACA AGAATCTTCT ATCCTGTCCT GTGCCCTAAC GCAGGAAGAT
201 CCCCTCCCAC AGAATAGCAG GGTTGGGTGT TATGTATTGT GGTTTTTTTG
251 TTTGTTTAW TTTGTTCTAA AATTAAAAGT ATGAAAATA AAGAAGATGC
301 AGTTTTATAG AATTCCACCA CACTGGCGGC CGCTCGAGCA TGCATCTAGA
351 GGGCCAATH CGCCCTATAG TGAGTCGTAT TACAATTCAC TGGCCGTCGT
401 TTTACAACGT CGTGACTGGG AAAACCTKGC GTTACCCAAC TTAAWCGCCT
451 TGCAGCACAT CCCC

ug68rcon Length: 328 March 21, 1996 10:20 AM Check: 7945 ..

1 GAATTCCCGA ATGGCATGAT ACTGAAGCCC CACTTCCACA AGGATTGGCA
51 GCAGCGAGTG GACACTTGGT TCAACCAGCC GGCGCGCAAG ATCCGCAGGC
101 GCAAGGCCCG GCTGGCGAAA GCKCGTCGCA TCGCCCTCG CCCCAGTCC
151 GGCCCCATCA GGCCCATCGT GAGGTGCCCT ACAGTGAGAT ACCACACCAA
201 GGTCCGGKCT GGCAGGGGCT TCAGCCTGGA GGAGCTCAGG GTGGCTGGCA
251 TCCACAAGAA AGTGGCTCGC ACCATCGGCA TCTCTGTGGA CCCGAGGWGDG
301 CGAAACAAGT CCACGGAGTC ACTGCAGG

ug69rcon 1996-03-21 10:39:00

ug69rcon Length: 526 April 10, 1996 10:39 AM Check: 4337 ..

1 GGAATTCCGG ATCTCTTCTG TGTTCCCACT ACTCAAGCAC CGAGTGGCGT
51 TCTATGGCGT CCGCCTCGGC TCAGCCCGCG GCCCTGAGCG CGGAGCAGGC
101 CAAGGTGGTC CTGGCGGAGG TGATTCAAGC GTTCTCGGCC CCAGAGAATG
151 CCGTGCGCAT GGACGAGGCT AGAGACAATG CGTGCAACGA TATGGGCAAG
201 ATGCTGCAAT TTGTGCTGCC CGTAGCCACA CAGATCCAAC AAGAGGTTAT
251 TAAAGCCTAT GGCTTCAGCT GCGACGGGA AGGTGTCCTT AAGTTTGC
301 GCCTGGTCAA GTCTTATGAA GCCCAGGATC CCGAGATTGC CAGCCTGTCA
351 GGCAAGCTGA AGGCCCTGTT CCTGCCACCC ATGACACTGC CGCCCCATGG
401 GGCTKCTTCT TGGAAGCACG TBTNGCAGCC TYCTGAGATT BGTTCTCGTA
451 TGTGTKCCTG CCTGCTGTTG GARGCCGGCC CTTGTGTTCC AGAGGRTAAT
501 AAATGTACHT GTGACTAAA AAAAAA

ug70rcon Length: 598 March 21, 1996 10:20 AM Check: 34 ..

1 GAATTCTAAC TATCTAAAAA TATGAATGGA TAACCAAAGT ATTCCAAACG
51 TGGCTATTCT GATCCACCCT TTGTTTTCT CTTAAAAAAAAA AAAAAAGTAT
101 GTACAGAAAT TGTATAAAAG ACTTTGTGAA TTCAATGAGA GTTAGCTTCC
151 AGTCTTCACA TCCCAAATGC TGGTTTACA GTTTGGCTC CTTGCATAT
201 TTGCCTGTAG AATTAAGACT CATAATTTT GCCTTGCTAA CAGAACACAC
251 TTTAAATTAT GAAAAGCCCT CAACATATAC CAAAGTAAAA GACAGCATT
301 TGAAATTAGC CAAGGCCAAC ATGATTCTGC TCTCTGGAAC CAGTGTACTC
351 TAGTGAATTT GGTGCTTGTG GTGAGTGAGA AACGACAATG GGAAATGTCT
401 ACTGTTGAC TTTGAAATC AGATTATTC AGTGGTGGCT GGACTTGGGG
451 ATGGGTTCAA TCCACCATTG YCTGGCACAT GTTAATTACT AGGTAAAGGT
501 CAAATACAAT KTHAGACCTA AAGCCACAGG AGGAGGATGC AAAACGTTCA
551 ATTCCAAAGA GAACAGTTW GWGTTCAACA ACATGGGACT TTWCCTAG

ug71rcon Length: 474 March 21, 1996 10:20 AM Check: 8906 ..

1 GAATTCCGAA TGGTGGCGCT GTGCCTGTGA GCTTCGAAG TTAATGGATT
51 GTTCTGGCTG TGACGAACAG GATGACGGTG TCAGGCGACT CCAGCCAAAA
101 GCTTTGCAAA GTGGCTCGAG TCACAGTACT CTGATGCTGA GGCAGGAGGG
151 CTCCCAGTTT GAGTCAGCTA GGGCTCAAAC CAACCCAAAA AAGCCTGCCA
201 AGTGAAAAAA GACACTTTCC AGAGCTGTTG CAAGGTGCAG CTGGCAGCAC
251 AGCACAGCTC AGCCCATCCC AGCCCAGAAG GAGCAGCGCC ACCCACAGGC
301 GCAGGGAGGA AGTAGGAAGG CTGCAGGGGG CAGGCAGCTT TCCCTGGGAC
351 AAAGAAAAGG AACATTTGGT CTCTCAGTGT CTGCTCTTCT AGATCCAAAT
401 ACACAGTACN CCTTTGCTGG TGTTTTGTTT TGAATTAAAG AATATTAAG
451 TTTGGGGAA TTCACCACAC TGRC

ug72rcon Length: 409 March 21, 1996 10:20 AM Check: 4256 ..

1 GAATTGGTCA ATAAGGTATA GGCTACACCC TTCTCACCAAG CTCTTCCTGT
51 CCGGCCAACATC CTGTGAGTGT GCGTATCAAT GTCCCGTGCT ACATCATAGT
101 TAATGACTGT CTTAATGGAA GGAATATCCA GACCACGGGC TGCAACATCA
151 GTGGCCACCA GGACGGGGAT GTCCCTTTTC TTAAAATCTG AAATAACCTT
201 GTTTCTTTCG CTCTGATCCA TGTCCCCATG GAGCAGACCA AGATTATGAC
251 CCTCCTGCTT CAGGTTACTG GCTAGCTCTT CAGCATTGGC TTTCTTAGTA
301 ACAAAACAAGA GCACACTCCC CGAGGAAGTA AACTCCACCA GACGCCAGT
351 CAGCCAGTTC CATTAACTKG GTCCCGAATG GAGAATYTCC ACAATCTGTG
401 TCACATYTT

ug73rcon Length: 331 March 21, 1996 10:20 AM Check: 3911 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAACGGCCG CCAGTGTGGT GAATTCCCCG GCTCGAGCNG
101 CCGATTTTTT TTTTTTTTTT TTTTTTCAA CTTAAAGGCT TTATTTGACA
151 CAAAATACAA TATGGCTGCG GGAACACCAA ACTCCAAAAA CAAAGGAACB
201 AAAAAAGGAC CATGGTTCTA TCTAATGTAT AATTAACAGG AAGTCACTAG
251 ACGAGTAACA GATGGGTACN CCTTGCGGGA AAGTCTTCC TAATKCCCAT
301 ACTTCTGGAA CTCCCACTCT CTGTTGTCCA A

ug74rcon Length: 373 March 21, 1996 10:20 AM Check: 4163 ..

1 GGAATTCGTT TTGGAATAAC TGGTCAACAA AAATCAAAAG ATGTCTGGGG
51 GGTGGGGGGA GACTGCCTGG CAGTACAGGG TGGGGGAGAA ACTCCATACA
101 ACAAGACAGT GCAAATCAGC AGGAAACTGC ATGTGTGCAC TCCAGACAGC
151 CAATCCAGGA GCATGCTGTG CATTCTGGAA CCCTCCAGAT GAGTGCAGAW
201 WTDTGGCAAT GCCCCATGCA TTCACCTTTA ATGCAACTGC ACCAGCCCTA
251 CTGTGAGTGA TGTGATCTCC CTTTAAAAAC CACCCACCAT CATCACTGAT
301 TCAATTATNN YYGCAAGTTG TATCTTCAAG GACGGAAGCY CTGAAGTGAC
351 CATTCACNAD CTTATAATT ATA

ug75rcon Length: 312 March 21, 1996 10:20 AM Check: 7316 ..

1 GGAATTGTC TACAGCAACC AAAGAGATAA CAACAGTAGG GTCTGAAATT
51 TCAAGGGCTC TGGGGTTCCA GGCCAGTATC ATTACAGAA GGGGATGGGG
101 AGGAGGGCTC CAGAGGCTGC CAGGCTAAGG CTATACAGAA GGBCCCTCCAT
151 GAAAAGAAC TTTATGAAGT TTCTCCAGAA ACTCAAATYT GGAGATATTT
201 TTAAAATNNC TCAGGCTGTC CCAGCAGAGA ATNCCTGTGA TTATKCCTGA
251 GAACAAAAGG RGACAGGCCT CCTCCTGTGT GGGAGCTGTA CATKYCTCA
301 CAGGTTGTTC TT

ug76rcon Length: 279 March 21, 1996 10:20 AM Check: 1041 ..

1 GGAATTCCAG CCCTACATCA AGAGAGCCGC AGCCACCAAG CTTGCTTCAG
51 CTGAAAAACT CATGTATTTN NNMMCTGACC AGCTGGGACT GGAGCAAGAC
101 TTTGAGCAGA AACAGATGCC ANAHNGGAAG CHGCTGGTTG ACRGTTNMT
151 TCTGGGCATT GATGTTAGCA GGGGCATNNA HCHGGAACHT CGATGATCAG
201 CTCAAATTG TCTCCAATCT CTACAATNAN CTTGCAAAAN CNAAAANNCA
251 TAGTGGTAGT NCTGACTAAG TGTGATGAG

ug77rcon Length: 380 March 21, 1996 10:21 AM Check: 1187 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAACGGCCG CCAGTGTGGT GGAATTGGGG TAAGCACACT
101 AGCAAAAAAA ANAAAAAAA AAAAAAAAY NCAAAACAAA GAGTCTTAGA
151 GGAAGAACATGA AGAAAACATA CAATACTTTC AATTTGAAGA CAGATGCACA
201 ATACTTTAAC ATATGCCAAA GATTAAGGG AAAAGATTAC AAAATTATAT
251 CACTGCAAAT TTTGTTGCTG TGACAAATTA AAAGCAGTTC ATACCAGAAA
301 CACACACAGG TGCAAGACCGG TGAGCACACA GGCACCATGC ATTGACAGTG
351 ATGTTGATTC TTTAAAGTAA TGAGCCNTGG

ug78rcon Length: 558 April 10, 1996 10:39 AM Check: 218 ..

1 GGAATTTCGTC ACTGAGTCCT CTCTTCATCT ACATTGTCTA CCAGCCACTA
51 TGAAAGCCTG AGCCCGTACT TGTCAACTAT CCAGGAGGAT TATCCCACCT
101 TGTTACCTCA CCTCTAAAAG CAGATAACAG CCTGCTGCTT GTTTTTGTAA
151 ATAAAGTACT ATTCAAACAG CCACACATAC TCAATTAGC TATTGTGGT
201 GATTGCTCAC AGACAAGACA AGTTGTTGAG ACAGACAAGT GTGGTCACAA
251 AGCCTAAAAG TATTTACTAT TTGGCACTAT AGAAAAAAATG AGACCGCTGG
301 CTTTATTTAG AGAATGAGAA GCCGTTCGCT AACAGGGATG ATGATGATGA
351 GTGTGAGGAA GGAATAACTT CCAACMGTG TGACAGCTTA TTTTATAGAA
401 AACCGTCCCC GCAAATTAT WGTCACTGTC CATTCAATTAA CVGCTGGTCA
451 TGTTCATGTT CCCAGTAGCA GGTCATCTGT CAATAAACTC CTGATAACCA
501 GAGCTGTTYC CAGTYCCACT CHAACTTTAG CACTACTGTT TACCTAGGCC
551 CTCACCCT

ug79rcon Length: 364 April 10, 1996 10:39 AM Check: 4696 ..

1 GGAATTCCAA TTCAGAAAAA AAATTCAAGAC TGAAATGACT AATCCCATAT
51 CTCATAACCC CTTCAACCAG TAACACCCCC CCCCAAAACC CATTGTCTTC
101 AGTGTGTCAG CTCACTAATC TAATGATCAG ATCAATCTAT GAACTCCACA
151 ACAAAATAGC TACTGAGCAG CCCTTCCTGA GAAGTAAATA TTCTAGATTT
201 TGGGAACCAG TGCGGAAGAC AGAATGCTTA CTGTCTAGAA GTTTCACHTT
251 CCTTATGAGG GGGTTGAGAA CCAAGATGAC TATTAATGTG TGATGTGATC
301 CMATAAAAGC TGTKGGAAGA TCAGGTTTG AGGAGGGGAA TAGTTGTGCA
351 AAAAAAAAATAT

ug81rcon Length: 518 April 10, 1996 10:39 AM Check: 4364 ..

1 GGAATTCTGCA GATTTCTTTT GGACAGTGAT GGGAAAGAGTC TCATCTGTAA
51 AGTGAACCTA TCAAAGATCA ATAGCAAAGT CCTGAAGAGT GGTCAGCTGG
101 AGGATACATG TCTGGTAGAG CTCTCACTGG CCCTGGACCT GCGCCTACAG
151 GTCAGCGTCA GCAGTTGGCA TCTGACGGCT GTCACTGTGG ATGTGTGGAC
201 ACTCCATGCT GAGCTGCATG AAGGTCTCTT CCATAGTCAG CTACTGTGTC
251 ATGCCCCAGG CCGGATTTCC AAATCAGTTT CTTGTTCAAGA TTTGACTGAG
301 AACCTTGCTG AACCAACTCT GCCTGGCCT ATACCTCCTC CAGCGGCTGC
351 CAGACCAAGT CAAGGTGAAG ATGGAGAACCA CMAGTGTGTG TGTTGTCTAT
401 GAACAGTCAA AAACBGCACT TGACTTKGAC ACTGAAGCTG CTGCAWTTTC
451 CTGTACCACC GTGATGAGGA CCAACTGCCG CTTCGAAGCY TCACAGCAAA
501 CTATGATATB GCACACGA

ug82rcon Length: 518 April 10, 1996 10:39 AM Check: 7161 ..

1 GGAATTCCCA GGGTGCAATT GGTAGTCCAG GACCTGCAGG TCCCAGAGGA
51 CCAGTTGGAC CACATGGACC TCCTGGAAAA GATGGAACAA GTGGGCATCC
101 AGGTCCATT GGACCACCAAG GTCCCTAGAGG AACACAGAGGT GAAAGAGGAT
151 CTGAGGGCTC GCCAGGCCAC CCTGGACAGC CAGGACCCCC TGGACCCCCCT
201 GGTGCCCTG GTCCCTGCTG TGGTGGTGGT GCTGCTGCCA TTGCTGGAGT
251 TGGAGGTGAA AAGTCTGGTG GCTTTTCACC CTATTATGGA GACGATCCAA
301 TGGATTCAA GATCAACACT GAAGAGATTA TGTCTTCAGT CAAAGTCTGTT
351 AATKGACAAA TAGAGAGTCT TATAAGCCCT GATKGKTCTC GAAAAAAACCC
401 TKCTCGGGAA CTGCAGAGAC CTAAAATTC TBBCACCCCCG NDCTCTAGAG
451 TGGAGAATAC TGGNGTGATC CTAACCAAGG CTGTCGAGAT TGGATTGCTA
501 TAAAAGTATT CTGTGACA

ug83rcon Length: 555 April 10, 1996 10:39 AM Check: 4196 ..

1 GGAATTCCCTC TGTATAGCCC TGGCTGCCT GGAGCTCACT TTGTAGACCA
51 GGCTGGCCTC GAACTCAGAA ATCCGCCTGC CACTGCCTCC CAAGTGCGGG
101 GACTAAAGGC GTGTGCCACC ACGTCCAGCC TTGTTTGTCT ATCAGTTCTA
151 CAGCACTCAA AGATAACCTT TTGAAATCAA TTTGCTATTT GGGTGACACA
201 ATTCAATCTT CATTCAAGCAA CTGCAAACCA ATTGAGTTCT TCATGCCAAC
251 TCAGAAATAC ATGATTACTA GCTTTTACAA GCTGAGCCTC TCTACAGCTG
301 CTGGCAAAAA TGGGGCACAG GGGAGGAGGT GATTTTAAAAA CCTGCCATT
351 AAACTTATCT AGTCTWAMCA GTAGTCAGAG GGAAATATAC TTGAGAACAG
401 GGTAAAACCA GCTTTGGCCA CATTAAGTTC ATGTTAGTGT AGAAAATTAA
451 AAATCACMAA CATCAAATCT CAGTCTACTG TGCAAAWTAT AAAGCCGAAT
501 TTTACCATTT ATACTCAGTT CTTTTGGAKT CAATCTCAGC AACATTTACT
551 AATAA

ug84rcon Length: 270 March 21, 1996 10:20 AM Check: 7108 ..

1 GGAATTCCGC GCCTTGGATC CATTTCATC. TGGTTCTKCT GAGACCGTN
51 TNGCTCCCTC CCCGCAACAG CCAAAATGGT GAAGCTGATC GAGAGCAAGG
101 AAGCTTTCA GGNNNVHCCT GGNCGCNGCG GGAGACAAGC TTGTCGTGGT
151 GGACTTCTCN NCTACGTGGT GTGGACCTNN CNAAATGATC AAGCCCTTCT
201 TCCATNCCCT CTGTGACAAG TATTCCAATG TGGTGTTCCT TGAAGTGGAT
251 KGTGATGACT GCBRGGATGT

ug85rcon Length: 186 March 21, 1996 10:20 AM Check: 1621 ..

1 GGAATTCTGT ACTTGTCCAG AGTCTCAGCG CTGATAAAAGG AGAAGCTGAA
51 AGTCCTCATC TCCAGCAGCT TKGCCTGCTT CYAGAGTCTG GGTTCTTGAA
101 ACTGGGAAAG GAAATTCCT TCTGACCAGA AGAGTGGAAA GGGAAATCTGT
151 TTGAACCTGGA CAGAGTGGGC AGGGTKGGAG AGGAGA

ug86rcon Length: 452 March 21, 1996 10:20 AM Check: 4644 ..

1 GGAATCGACG CCCAGGCTCC ACAGGTCGCA GCGCTTGTG TAGATGCTGG
51 CCTCTTCACT GAAGGCCTCC ACCACCTCTG GNBCCATGTA CTCAGCTGAC
101 CCACACGGGG TGAGCAGCTC TGGTGTGGAG ATGGGGGAGC AGTCTCCATT
151 GAGTTTGATA CCACTGCCAA GGTCGAAGTC GCAGATCTTC ACTGGCGAGA
201 CCTGGTGGG GTGCTCACAT AGGATGTTCT CTGGCTTAG GTCCCTGTNG
251 GCGATGCCCT TGTTATGCAG GAAGTCCAGG GSACTGGCCA CGTCCTGTAC
301 TACCACBSBG GSCTCCAGCN CGTTAAAGTG GCGCCTTCTA TGGATGTGGC
351 TTAGGATGGA TCCGCCACGC ATCTTCTCAA ACACCAGGTA GAAACGGTCC
401 TCCTCCTCAA AGADCTCAAT CAGTTCTAGA ACATTCCYAT GTCCCCCSGC
451 AC

ug87rcon Length: 279 March 21, 1996 10:20 AM Check: 821 ..

1 GGAATTCCAA CGAACGCTTT GCCACACTCT GCACAGACGT GGACTCTGGG
51 ACCGTGGGTG TGCAGATGCT TTCTCATAGC AGAGTTATCC CTGAACATCT
101 TTGTGCAGCC TTTATGAGGG CAAGCTAATT GTTCTTGGAG CATCATCTTC
151 TTTAATTTTT CTTGGCTTCA TTCTGGCAAA TTCTGCCAGT BBCTTAGGGT
201 CTGAGAGGTC AATTGGCCAG GTATCCCTYC CAGGDGGGAG TTTCTTBCCCT
251 GTCATATATT CCAGAATWAT CAGGAGGTG

ug88rcon Length: 236 March 21, 1996 10:20 AM Check: 4242 ..

1 GGAATTGAA CGYYGGCAGT AAAGCAGTCG CTGCTGGACA AGGTCTGACC
51 CCCACCACTG GCCCACCCBS TTCTACCACA AGGACTTBNC QTCTGAAGGC
101 CAGTGGCTAC AGGTGGTAGC AGGTGGGCTG CYCTCACCCG TCCTGGNNTC
151 CCCCCCTCCA SCCTCCCTTC TCAGTCCCTA ATYBGCCTCT CCCACCCCTCN
201 CCCCCAABCAT TBCTTCATCC ATAAGTBGGT CCCTTG

ug89rcon Length: 362 March 21, 1996 10:20 AM Check: 2739 ..

1 GGAATTCAAGA ACCTGGCGGA CGAGGAGCCC TGGGCAGTTG GTATGGCAG
51 TACAGGAACC ATTCGACTG TCTGGTCACC AAGTTTAAGA GCAATCTAAT
101 GAAGTGGGGG ACACTGTAAG CTAACTGAAG ATGAATGTGT GGKGGCTTT
151 WCTCAACAAAC CATTCCCTA GAGTCTAATA TAAAAGTAGA TTTACATTTG
201 TGGGTAATCT GAAGCTGGTG ATTTCTAGTG CCTTTGGTAA TAATCAATAA
251 CNCAGCAGTT GCGTGGCAGA KKGATCCMCG CATGGATAAA TACAAATATT
301 AAATTAGCAT AATTTTTTAA CTTTTTGTAC AAATATACAT GCTTTTTTNC
351 TTTTTCTCAT CT

ug90rcon Length: 315 March 21, 1996 10:20 AM Check: 7962 ..

1 GGAATTCTTT TTTTTTTTTT GTTTTGTTTT GTTTTGTTTT GTTTTGTTTT
51 TGCTTTAACATC ATAATCAGCC CAGAGCATT TTTGTTAACAA ATGCCTCTGT
101 TTTCATGAAA GTTCATAACA TCAGGGTTTT TAAAAAAAAT TAACTAAGGT
151 GCTTTTAGAG TTGAATCTGT GAGTTACCGT CAGCACACTA GTGGGCTAAG
201 AGTGAGCAGG GTGTTTCAG AGAAACAAKC KKCYCCCCA NNNCACAAC
251 TATCTTTAA ACTTAGAAGT AACCTGTTGT HCCCCAGCCT GCYCTTGTC
301 ACCTGAGTKC CCAGA

ug91rcon Length: 251 March 21, 1996 10:20 AM Check: 2411 ..

1 GGAATTCAAT AGATATTCGC TAGACTTACCA AATTCAAAGW TTTTGTCTT
51 CCTAGGTTGT CAGGGAAGTA TCACTACTAC YCTTCAGTTC AGAATTGCTG
101 AAGTAACTGA TTGTYTGATG ATTTGTGAAC ATGATCTTAA CTATGTGACT
151 AAAATATCAG ATCATTACAA TACTKCTCAA TTGATGGATA CATGTTGAAT
201 ATCAGTGTAT WCTTGATGT TTTTWATTAC TTKACYCTTT TTTTAAACCT
251 A

ug92rcon Length: 338 March 21, 1996 10:20 AM Check: 8280 ..

1 GAATTCCGAG CGGGCGAGCG CCGGGAGGGG GCCGGGAGCA GGGCAGCTCG
51 GGAGACCGGA CGGTAGCGGC GGCGGCGGCG GCAGGCTCGG CGCCCTCTTC
101 TCTGCAAGCC ATGTTTGCCA AAGGCAAAGG CTCGGCGGTG CCCTCGGACG
151 GGCAGGCTCG GGAAAAGTTA GCTTTATACG TCTACGAATA TTTACTGCAC
201 GTAGGAGCAC AGAAATCTGC ACAGACCTTC TTATCAGAGA TTCGATGGGA
251 AAAAAACATC ACACGGGTG AACCNCTGG GTTCCTGCAC TCGTGGTGGT
301 GTGTATTTG GGACCTTTAC TGTGCAGCTC CTGAAAGG

ug93rcon Length: 94 March 21, 1996 10:20 AM Check: 5557 ..

1 GGAATTCAAC AGAATACAAG AAATGGAAGA GAGAATMTAA RGTGCAGAAG
51 ATTCCATAGA GAACATCGAC ACAACAGTCA AAGAAAATWC AAAA

ug94rcon Length: 323 March 21, 1996 10:20 AM Check: 5434 ..

1 GAATTGAAA AAGGAAACGG AAAAATTCTA CTTCCGGGTC AGATTTGAC
51 ACTAAAAADG GAAAATCAWC AGAAACCTCT ATTATCTCTA AAAAGAAAHN
101 CCAGAACTWC TCAGAGTYHH CTAACATATGA CTCAGAGTTA GAGAGAGAGA
151 TAAAAACCAT GAGCAGAATT KGGGCTGCCA GAAAAAGTDT TCCAGAGAAA
201 AAAGAAGAGG ACTCTTCTGA AGATGAAAAA CAGGGCAAAA AAGTAGTGGA
251 TAATGGAGGG CATGAGAGGG CGAAGACMAC MCMAGAAGGG TCATCTGCTG
301 ATGACACTKG TGACACTGAA GGC

ug95rcon Length: 402 March 21, 1996 10:20 AM Check: 3919 ..

1 GAATTCACTGT CAAACAGGTA GTCATAACAC TCACACATGG TTTTDDCTTT
51 CTCCCCATGTT TCTCCCCACA CGTACACCCC ATGAYNCYGG ACAAGAACYG
101 CACAGGAGTC TKGGTACTCA TTCATGGCAT GAGCCATCCT TTCTTKAGA
151 TCCTTCTCTT CAGGAGTGTGTT CTCAATAATH GGTWCCACTA ACATATCATC
201 GTATCTGTAA TAGCCTCCTG AGGTACATTT CCTTATTCCCT TTGATCATCT
251 CTTGATGTGT AATTTTAAAC TCCTGTCCCTG GAAACAGAAG GGTAGCCATC
301 ACAGCAGCTT TAGAGTGGGT ATGAATCACT GCGCCAGCTC CCTCTCATGG
351 TATAAGCATT CATGAAAAGA GGAGTGCACT GGCTTTWTT CAGCTTCCTA
401 GA

ug96 Length: 203 May 30, 1996 10:47 AM Check: 395 ..

1 GAATTCGTGA TCATGAAGCC TAGTGCCTC ATTACACAAG GGGGGGGGAK
51 GKCTCAGGAC CTCTCCACCC CGGGAGTCAT TTCCCTGTGT TGCTGTGGAA
101 CTAATTTGAA AAGTAAAGTC CAAGGAAACA CTGCTCTGTT TCTGAGACAT
151 GAAGAAATGA AAACACAAGA CAAAGCAAAG AGCGTGCGCA TTCTCTGGCC
201 CAC

ug96rcon Length: 87 March 21, 1996 10:20 AM Check: 2607 ..

1 GGAATTCTGTG ATCATGAAGC CTAGTDNNYT CATTACACAA GGGGGGGGGA
51 GGDTCAAGGNC TCTCCACCCC NNNAGTCATT THCCTGT

ug97rcon Length: 342 March 29, 1996 7:10 PM Check: 6947 ..

1 GGAATTCCGA AGCTCCGCC CGGCTAAGGG GGCCAGCATC CTGGGGCCTG
51 CACCCATCCT GTACAAGATA CTGCCAGAG GGTCCTTCA AGGCCTGGC
101 AGTTCAAACA GCCACACTGG ACAGACAATA AATAATGCAG CTGCTCTCTG
151 GACAGCCTCC TGTGACCTAT CTCGTTTCGA GCCACTCGAG TTTCGGCCAG
201 CTTGCTTTGT TCAGAATGCC AAGCCCCGGC TGGGTTTCTG GCCACGTGGG
251 TACTATGGTC CCACTGAGGG CCAGTCTGAG CCTGCCTAAC AAAGGCTAAC
301 TAAGGKGGCT ATCCTGAAGA GAAWGCCCCA CTTACTTTGA AA

ug98rcon Length: 341 March 29, 1996 7:10 PM Check: 8557 ..

1 TGAATTCCGC CAAACGACTC CTGCTGGTCT CAACCCCCGTA CTGCCGGGGG
51 CAACTAGCTT TTAAACGCCT TTCTGGCGG TCAGCTACCA AGTGCCTGAA
101 GACCTGGTGT ATGCAGCGGA GGGGCAAGCT GCCTGGGCCA CTTACGTGGT
151 AGGTGCCTAC CACGGGGACA TAGGGGCTGG AGCGGCAGAA TTCGCTTATA
201 CTGGTTGGGA GGGTGGGAGT ATCCACTGTG GCTAGTTCAC ACCCTGCTTC
251 CCCTCCCCAA CAAGCACAAG GGGTGTGAGC CTCAACCCTA AACAGGCAAG
301 TRTATRATCG TTTTACTCTG GGCACACCTG AWTATGGTTT T

ug99rcon Length: 393 April 10, 1996 11:04 AM Check: 5943 ..

1 GGAATTCCGA GCGGCCGCTT TTTTTTTTTT TTTTTTTTAA AATCTCAGTA
51 TTATTTAATG AGAACGCCCT ACCCTGCCAT GTACAGGGTG CCCCCGCACTC
101 GCTACTCACC CACCATGTTA AGGAAAAGCA CCAGGAAGTA CAGAGGGTCC
151 TCATGGCTGC TCTCCAGAGT TATAATTAA AGGTATTTCT CCATGGTAAA
201 ACTACAATAG TTACATACCA AGGCAATACT ACATGCTTTA CATACTCCCA
251 TGAAAAAGAA TTCAATTGAG TCTAATCCCT GATGCAAGGC ACTTCAAAGC
301 ACCCGCGATA AAATGCCAT GTAAACAGCA GTGCAGTTGC ACCTTBCCAA
351 GTRAACATGA CTTTGTGCA CAAACCTGGA ACYCAGACAA GAA

ug100rcon Length: 156 March 29, 1996 7:10 PM Check: 2743 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAAGT GTCAAGCATG ACAAAAGTTGC AGCCGAATAC AGTGATCCGT
101 BCNGCCCTGG ACCTGTTGAA CGAGGTCGGC GTAGACGGTC TGACGACACG
151 CAAACT

ug101rcon Length: 411 March 29, 1996 7:10 PM Check: 4419 ..

1 GGAATTCCGC TTGACCTGCC TTGGGGTATG GGTACTGCTT TGCTTTGGGG
51 TACAGTGCTC CAGTAAACCG AGGTATGATC ATGTTAGGCA CCAACGAGTC
101 ATTTATCATC AGGAAGGCAA GTCTCTCTCC ATCGGGGGAC CACCAGTGGG
151 CGATATGAGA ATGCAGAAAGT TCTTCTAGAA TAAATGAGTG TTATTTTACA
201 TCAACTTCAT ATAACCAGTC AGCAATCCCC TTAAAAATAA TGCCCTCCCTT
251 TCCTGAAGAT GTTAGTCGTA AAGAACTGCT CTTGATATCA GGTTGATAAGT
301 AGATATTGTT TTCAAAAATA TAAATCAGCT GCTGTCCTTG CACACCCCAG
351 GGCGCCATAC TGCAACACTT GAGTTCTCAA CTTCTGGGGG ATTHAACCTTC
401 CACAMYTTCC C

ug102rcon Length: 557 March 29, 1996 7:10 PM Check: 3185 ..

1 GGAATTCCCTC TCTCTCTCTC TCTCTCTCTT TTTCTCTCTC GCTCTCTGCC
51 TTTCTCTGTC TCTACTCCCT CAACTCTCTT CCCCATGCC TGAATAACCT
101 CTATTCTATA CTACATGACT GGTCCCTCAG GGGGAAGGGG TGCCCTCAGCA
151 TGGGCCCGCA GAGGTACCCC CTTCCCCACA CCTGATGGCA CCAAACATAT
201 TCCTTCTCTC CTTCTCTCCC TGCTCATCGC TTGAGGTAGC ATGGTTCTCT
251 CTGGGAAGCT CTGGGTGCTG AGTCAGGGCT CTGCTCTGGC CCTCCCCCTGA
301 AACTCCATCA GAATCTACAT GGCCCTGGAC TGTGGCAATT TGCTTCTTGG
351 ACCCTAACAA GACTTTAAGT TYCTYGAAGG GCAAGGTTTC TTCCCCACTAA
401 ATCCAGCACA GGGCAAGACA CATAGTAGGT GTTCCACAAG CACCTAATGA
451 GTGCTCTGGG TTGTTGGGAT TTTTTTTGT TTGTTTGTGTT TGGTTTGGG
501 KTTTGTGTTGT TGTTAGTTT GTTTAGYNSG TTTTGCAACA AKGTCTCAAG
551 TGACATA

ug103rcon Length: 231 March 29, 1996 7:10 PM Check: 8083 ..

1 GGAATTCAAT CATATTTATT GGATCAACAA ATCTCCTAGK NCCTTTTACC
51 ACATACATTT ACWCCTACTA CCCAACTATC CATAAACTTA AGTATAGCCA
101 TTCCACTATG AGCTGGWGHH GTAATTACAG DCTTCCGACA CAAACTAAAA
151 WHYTCACTTN CCCACTTCCT TCCACAAGGA ACTCCAAATT TCAMCTAAWT
201 TCCAAATACT TAATTAATTA TTGAAACAAT T

ug104rcon Length: 529 April 10, 1996 11:04 AM Check: 8675 ..

1 GGAATTCCAG ACTTGTGCTT CTTGATGTCT GTTTGATGGG AGCTACTGAC
51 AGGCTTAGGG CTCAACCAAG TGGCTTGTAT TCTGAAAACT TCTACCTGGT
101 TATGCATATA ATTAGTAAGA CACTTAGAAT GAGCCTAATG TGAGCCTGGT
151 GGGTGGCTGT CCCGCTGAGA AAGGCCTTTC GCAGTTAGA GGCATCTCTG
201 TTCTCTCCTT TATAGGTTGC CTACATAGAG AACTGCTGTC CTTTCATACT
251 GCTCTGTTGT AACCGTTTTA TCTTCAGTTT CATTCCCTGT ATCAAGATCT
301 TAAGCAGCAG CAGTTCTCAA CCTGTGGGTA GTACGCAACC CCTTTGGGA
351 GGTTGAATGA CTCTTTCCCA GGGGAGCGTA TATTAGATTA TTTACGTTAC
401 GATTCA TAGC AGTAGCAAGA TGACCWGTWA TAAAATATTT TTATGGTGGG
451 GGGGCCACTA CATCARGGG CGTACATTAA ATGGTTGTAA CATTWGCAAG
501 GTTGAGTACT CGCTCCATCT TTAAAACCA

ug106rcon Length: 148 March 29, 1996 7:10 PM Check: 6745 ..

1 GGAATTCCCTC CCTTTGTCTG CAGTTTTCC CCTTGACATT CATTCAATTCA
51 TTCATTCAATT CATTCAAGTGA AGAGCTTCGT GTYCAGTATT CCAGACTCCG
101 ATGAAAHTYG AAAATCGATY CTTCTCTKKT CTAATTATTG TCTAATCA

ug107rcon Length: 425 March 29, 1996 7:10 PM Check: 6820 ..

1 GGAATTCGCG GGTCTAAAAG TTCCCCAACAC TTGGAGGGCT GGGTGGGGC
51 CGAAGCTAGG GCTGTGGGAA CGACAACCTC TGGGTGTATG ATGTTGATGG
101 TGAGCGTCTG CTGCACACCT ACTGTGTGCC AAGCACTTGT GCGTGTCTA
151 CATACTAAAC CTCGTGACCA TGGAAACHVGC TCATTTTCCC AATCCGTCGA
201 CCGAGGAAGC AGAGACTGGA TGGTTTGGCC AGBBTAGAGG GCAGTGGGA
251 TTGGTTTGGG CTGAGGTCTG CATCTTTACC TTCTGAGTTG CAGATTTCGA
301 AGAAGTATAAC TCTGATCTGA GCACGGCAGG AGGGCAGAGG AGGCCAAGCG
351 GCAGGCATGG GTGCACCCCTA CTGCCATCTG GGCCGGCCTG GAGACCAGGA
401 GGCTCTGAAC GTACACACGA ACGCG

ug108rcon Length: 399 March 29, 1996 7:10 PM Check: 6291 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GGATCCACTA GTAACGGCCG CCAGTGTGCT GGCGCGGATT CTTTATCACT
101 GATAAGTTGG TGGACATATT ATGTTTATCA GTGATAAAAGT GTCAAGGCATG
151 ACAAAAGTTGC AGCCGAATAC AGTGATCCGT GCCGCCCTGG ACCTGTTGAA
201 CGAGGTCGGC GTAGACGGTC TGACGACACG CAAACTGGCG GAACGGTTGG
251 VGGTTCAGCA GCCGGCNCTT TACTGGCACT TCAGGAACAA GCGGGCGCTG
301 CTCGACGCAC TGGCCGAAGC CATGCTGGCG GAGAATCATA CGCATTGCGT
351 GCCGAGAGCC GACGACGACT GGCGCTCATT TCTGATCGGG AATNCCCCG

ug109rcon Length: 345 April 10, 1996 11:04 AM Check: 4424 ..

1 GGAATCTTCA CGTTACCCCTG GAAAGAGAGC TCCAGAGCTT GCATTTAAC
51 TTCTGGGCAT CTCTGCTTCA ATGCCCTTCT ACCAGTGGC TCTTTTCGT
101 GTGCGGAAAC ATAAACCAGT GCACATCCCA CATACTGCCA AGAAGTGAAA
151 GGGCTTCATA AGGAAGATGG GCACCAGGGA GGACCCCTGGG CTTYCTCCTC
201 GGACATGAGC TTGCCACCTG KGTCAATATGC TCTGDAAGGT TTCTTCTGTG
251 ACTGAGACTA GTAAACATTT TATTCCCTGC AGAGATGAGC TGTCTGKGCA
301 TGGGGGGTGA CTTCACTAGA CAGGAGAGCC GACATGATGG CTTTA

ug110rcon Length: 67 March 29, 1996 7:10 PM Check: 1068 ..

1 GAATTCTTA AAATCACTAA TCGACCTGHC GHCTCTCAGMT TAGACCACAT
51 AGRCAACTTG ATTATTG

ug111rcon Length: 183 March 29, 1996 7:11 PM Check: 5348 ..

1 GGTGACACTA TAGAATACTC AAGCTATGCA TCAAGCTTGG TACCGAGCTC
51 GNGATCCACT AGTAACGGCH GCCAGTGTVG TGNGAATTHN CGCATCCACC
101 AAGATGNGAA TWHNACATNC CTTGTGAATA TNGAATGGGN NTATACCAAN
151 GGTNCTCGGN AWIGRRSC.T CTTTSCCTT AGG

ug112 Length: 336 April 26, 1996 3:26 PM Check: 3196 ..

1 GGAATTCGAA GGATGCCCTG CTGAATCAGC TGTGAGCTCG GGACGGGGCA
51 GGTGGTGCTG TTGCAGGCAG GGACAGAAAT GCTGGGAGGA AGGTGACAAA
101 TAGTGAGCTT AGGCTTCCCT CGGTCAGTTA CAGCTGCCTT AACCTGAGG
151 CGGAGCAGGG CATGTGGGTG GTGAACAAGG CAGTGGACCA AGCAGAGCGC
201 TGCCCTGTGA GAAAGTGCAG AGGACAGTAC AGTGACAAGG ATCCAGAAC
251 GGGAGCCTGA AGTCTTCCAC CGAAATGGCA TTTGGAGGAG TKKCTTCAGA
301 GAAGCATTAA GAGGAAGCCA GTTGGACAAT TGGCCT

ug113rcon Length: 108 March 29, 1996 7:11 PM Check: 4270 ..

1 GGAATTCGAA GCTTCTTTTT GCAAGAGATG GTCATTAAAG ACAGTTACAW
51 CTGGTCACAC AATGCATAGG NCCACTGACC ACAAAAGTGT CAGAHCCAAT
101 TAATATAT

ug114rcon Length: 607 March 29, 1996 7:11 PM Check: 4783 ..

1 GGAATCCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT AAGACTTAAA
51 ATTGAATTAG TATTTGTACA GAAAGGTGCA GGTGGAATAA CTCCCTCCGG
101 CCTAGGATCA AAGTTATGCG GAGAATTCTT GATGGACCTT TCCCTGCC
151 CCAGTGGTGG CCCGAGTTGT TAAGTGCAT TGGTTAGAGT AGATTCCAGT
201 CGGGTCATTG TGGTGGAGGA GTGGGGCAG TGGCAGGTAA GGGGGCTCAG
251 TTGCTGCAGC ACTGGCTCCG GCTGGCTGGG TTGCTCTCCT GCAGATCCAC
301 ACCTCTGGTT CGGCCGGAG CCCCAGCCGC ATTCTGGGC TCATTCTTGG
351 GAAGCTTCTT AGCTATTGCC ATGAAAATT CATTCACGTT CATTGCAGTC
401 TTGGCAGACG TCTCCATGAA GAGCAAGCTG TTGTCATCTG CATAGGCTTG
451 TGCTTCCTGA AACTCCACAG CTCTCTGCT GGCCAGGTCT GCTTTGTTCC
501 CCGCTAGTGC AATGACGATG TTTGGGGCTG GGCCTGCCTC TGTAACTCCT
551 TCACCCAATT CTTAGCCCGT GCAAAGHTAT CTSBGTTCGG TGATGTCATA
601 GACCACAA

ug115rcnlo Length: 520 April 10, 1996 11:04 AM Check: 3219 ..

1 GGAATTCTTG TTTTCCTCCT GAGACACAGC CTTGAAAGCA GTCTCCTGCC
51 TCAGCCTCCT GTGCAGAAAT TATAGATGTG AGCCACTGCA CCTGGCTTCT
101 AAAACTTTTG ACTATGTAGG GCTCTGTACT GTCATTCCTT CTATATTCAT
151 TGACAATGGA TTCCCTGGACC CCCTAAGATA TCAAAATCAT TTTCTGAAGT
201 GGKATAATAT TTGTATATCC CCTATACTG TAACACCCAA TACAATATAG
251 ATGTCATGTA AACAGTTATT AAGCTGTCTG TCTAGTTAG GGTGGAACGA
301 CAAGGAAAAA AAGGTATATT TAGCACAGAT GTAATTTTW AAAATGAAA
351 TGTTTTCAAT TTGTGATTG TTGAAGCTGT AGATGAAAAA CTCAMGGAC
401 ATTAAAAGTC AACTATATAT CATTGGGTGA CTGATCTTCT GGTCCATTTA
451 AACTTTGAAT TCCCTATAAC ACAACTCAA GAGAACAYGA TGGAGAGCCT
501 AGGTCTGTAT CCAATCAATC

ug115rcon Length: 78 March 29, 1996 7:11 PM Check: 5560 ..

1 GAATTCTTGT TTHHHTCCTG AGACACAGCC TTGAAANCAG TCTCCTDCHT
51 CADCCTCCYGTNCAGAAATT ATAGATGT

ug116rcon Length: 345 March 29, 1996 7:11 PM Check: 6770 ..

1 GGAATTCTCC TGCTCTGGCT CACCTGTCT GCTCGGGGCT CCAGCTGATC
51 TGTGCTGTTCTGGTAGCGC TGCTCACGTC GGGCAGCCTC CTGCAGCTCC
101 CGCTCTCGTC GCTCCTCCTC CAACCGCTGC CGCTCCTCTT CGGCACGCCG
151 CTTCTCCTCC AGGCAGGGGT TCTCTTCTTC CTTCTCAGCT TTGGBCCAGA
201 AGTTATCCTT GCCGACTCTC TTGATCTCAG ATATGGCATT GGTCTTCTGG
251 TACACAGAGC CCACTGGGC CTGCBGCTA CATCCTGGAA GGAGGTGCTT
301 TCCTTATGGA AGCTGTWGTT GGCCCCAGAG GCCTTNGCAA CCTTC

ug117 Length: 342 April 26, 1996 3:26 PM Check: 7063 ..

1 GAATTCCCTAG GAAAACCTCTA AATGAAAGTA AATGTCTGCC ACTCACTGCC
51 CTCAGCTATA ATCCAACCAG TGTACTTTCT TCTCATCCTG CAGACCAGAA
101 CAAGTCCCAA AGCTCTGGCA ATATTAATAC AGCAAGACAA GTAACCTTTT
151 TTTTTTCAAG TCTTGAGGAT GAACCAGAAG ACTTTAGTTT AAGATAACCAA
201 GTCAAAGTTG CACGTTAACCC TGGACCACAG TCAGGCCCA GAHMVCTGGG
251 AGTGTGGTTC ACACCTGTAA CCAGCACTCA CAGAGGACAA TGTGCCTGCT
301 GCAAACCCAA GSCAGCTTKC ACTGGGAGTC TGACCACTGA AG

ug118 Length: 369 April 26, 1996 3:26 PM Check: 7552 ..

1 GGAATTCGCT GAGTCTAACCA AATGAGGCTT ATAGTTGGT AGGAGTTAAT
51 AAACTTCTTA GTAATTATAT ATTGACTGTC TACTATTAT ATGCCAGGTT
101 ACTCTGTGGA GATTATTGGC AAATCTAGAA GTGAAATTGC TGACTGGGTT
151 TTTAATATAG TAAGGAAAAT GACATATACA CATAATAGTA TTACCAGGCA
201 ATCAAAGATA GATACTAATT CAGTGATACT TAGAATCAGG GGAGGCATTG
251 CTTTTAATAG GTGAGGCAAC TGGGCCTTCA GTGATGAGTA ATGAGGAACA
301 ATATGGRATT CCGTGCAGCA GAAAAGAAGG TATMGACATG TAGGTKAGGA
351 AAACTGCMGC AGTGTTTAT

ug119 Length: 285 April 26, 1996 3:26 PM Check: 9564 ..

1 GGAATTCCCC GGCTCGAGCG GCCGCTTTTT TTTACTATTT TTATTAGATA
51 TTTTCTTTAT ATACATCTCA AATGCTATCC CGAAAGTTCC CTATACCCCTC
101 CCTCTGCCCT GCTCCCCTAC CCACCCACTC CTGCTTCTTG GCCCTGGCAT
151 TCCTCTGTAC TGGAGCATAT AAAGTTGCA ATACCAAGGG GCCTCTCTTC
201 CCAGTGATGG TTGACTAGGC CATCTCTGC TACATATGTA GATAGAGACT
251 CATATCTACA TATGAGTCTC YGGGGGTCYT CGTTA

ug120rcon Length: 443 March 29, 1996 7:11 PM Check: 3369 ..

1 GGAATTCCAT AAGTACTATT ATTTTATTAA AAATTTAAG TTGAGGCTCT
51 AATTAGACAT CAGCCTGATT TCTTTGAGTT CCACACACAC ACACACACAC
101 ACACACACAC ACACACACAC ACACACTGTC TTCAGCAGTG AGACCTTACA
151 ATCACTCTT AGAAAACAAT TGATAAGTAG CCTTGCCAAT AGCCAGTGT
201 ATTTTGGGAT TCCATGGGAT TTCATGGAGT CAACATTGGT CAGCAACTCA
251 ATTAGATGTA AGCCATTCCCT GGGACTGAAA GGTTTCCCTTG GAGAGGAAAG
301 ATGTCTAGTT GGAGTACTGTT TTCCCTGTT GTTTAGTGAC TCCATTAGA
351 TTTAACATA TATGTATATA TTTTAAGAAG TTTCAACTGTT AGTAGGTTTC
401 CATATGGACC CCAAAANNTC TTAGTGCTAA CTGTCCTCC CTG

ug121 Length: 239 April 26, 1996 3:26 PM Check: 7430 ..

1 GGAATTCCCA ACTCCCATCT CGCTGAGGGC TGTGCCATGG GCTCCTGTAA
51 CCTTGCTCTG CTCTTCAACA AAGAGGACCA GTGGGAGGAA ACTTGTGGC
101 CCAGCATTC CAGGCTAAGG AACTGGGGGG GAGGGCCAGT TGGATGATCC
151 CCAGGGTATT AAAACCTCAC TTTGGAGAAG AGGCAGAGCT GTGTTAGAA
201 AGKCAGGKCA GATGTGGAA GAGCATTGCA ACTBCAGGG

ug122rcon Length: 346 March 29, 1996 7:11 PM Check: 4973 ..

1 GGCAGKTAGGC GAGCAGCGCC TGCCTGAAGC TGCGGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTCGTC GGCTCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CAGCGCCCGC TTGTTCTGA
151 AGTGCCAGTA AAGCSCCGGC TGCTGAACCC CCAACCGTTC NNCCAGTTG
201 CNTGTCGTCA GACCGTCTAC NMCGACCTCG TTCAACAGGT CCAGGGBCNG
251 HAHCGGATYA CTGTATTNGG CTGCAACTTT GTCATGCTTG AACACTTTAT
301 CACTGATAAA CATAAATATG TYCACCAACT TATCAGTGAT AAAGAA

ug123 Length: 218 April 26, 1996 3:26 PM Check: 2309 ..

1 GGAATTCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT CATAATTGAT TATTTTATTA
101 AGATAGTTGW TTAATAACTG AAAACCAGAG GTAAAGTAAC AAATTCCAAA
151 GGCTTTTAA AGGCATAAWA TTTWAAGGCT ATTCAAATC TTCTTGGGAT
201 GRAAGAAAAA TCCCTTTC

ug124 Length: 309 April 26, 1996 3:27 PM Check: 102 ..

1 GGAATTCAAC CGGCTCGAGC SGCCGCTTTT TTTTTTTTTT TTTTTTCCCC
51 TCCTTTTTTT TTTTTTTAAA GGAAAACCAG TCAAATCATG AAGCCACATA
101 CGCTAGAGAA GCTGAATCCA GGTCCCAAAG GCGCTGTCAT AAAGGAGCAA
151 GTGGGACCCG CACCCCTTTT TTTTATATAA TACAAGTGCC TTAGCATGTG
201 TCGCAGCTGT CACCACTACA GTAAGCYGGT TTACAGATGT TTCCCVAVCG
251 GAATTCCACC ACACGGCGG CCGCTCGAGC ATGCATCTAG AGGGCCCAWT
301 TCGCCCTAT

ug125 Length: 425 April 26, 1996 3:27 PM Check: 5085 ..

1 GGAATTCCAT ATTCCAGCCT CTACCAAAAG TGCTGGATCC TGATTTGTGC
51 AATACTAGGG ACTGAACCT GATCTTGTA TAAACTAGGC AAACATATCAA
101 CTGATAAAAGT GCACTGGGAT CTTGGAAGTT CTGTACTTGT GATTCTGGAC
151 TTTTGGAAAGT CAGAGAATT TAATTACCCA GTGAGTCGAC TGCTGCTACT
201 CAAAATTTC ATTAGTATCT ACGTGGGGGG GGGGGGCTTA GAAATGTAAA
251 CMTGGGGAGC TGGAGAGATG GCTCAGTGGT TAAGAGCACT GACTGATCTT
301 CCCATGTGGT GGCTCACACC ATTTTTWAT GGGATCTGAT GCCCTCTTCT
351 GGTGCTGTCT GAAGACAGCV TCAGTGTACA TATATAAAATA AAAGAAATGT
401 AAACATGCMG CTTGGGAAGC AAGTA

ug126 Length: 358 April 26, 1996 3:27 PM Check: 1192 ..

1 GGAATTCCGC CGGGGCACGG AGCAGGACGG CGGGACGGCC GGCCCTCCCG
51 GCCGGAGCCC CGGGGCGCGG CHGCAGGGCG GTGGCCCAGG GCAGGGCCCT
101 ACCCCCCCCC CCCCCCAGCA GCATGTCAATG GTTTAGTGGC CTCTGGTTC
151 CCAAAGTGGA TGAACGGAAA ACAGCTTGGG GGGAAACGCAA TGGGCAGAAG
201 CGCCCCACGCC ACGCGAACATCG AGCCAGTGGC TTCTGCVACAC CTCGCTACAT
251 GAGCTGCCTC AAGAATGCGG AGCCACCCAG CCCCACTCCT GCAGCTCACA
301 CTCGGTGCCC CTSGCAGGAT GAAGCCTTCA TCAGGAGGGC GGGCCCGGGC
351 AGGGGTGT

ug127 Length: 376 May 30, 1996 10:48 AM Check: 6297 ..

1 GGAATTCGTA CAGGTTGAAC AGAATTGAGA ATGCCTTGAA GACAATAGAG
51 AGTGCACCCC AGCAGACAGA CAAACTGAAG GAGCTTTATG GACAAGTGCT
101 GTACCGCCTG GAACGCTACG ATGAGTGCTT GGCTGTGTAC AGAGATCTTG
151 TCCGGAACTC CCAGGACGAC TATGATGAGG AGAGGAAAC AAACCTGTCA
201 GCGGTCGTTG CCGCTCAGAG CAACTGGGAA AAAGTGGTTC CTGAGAACCTT
251 GGGTCTCCAA GAAGGCACAC ACGAGCTCTG TTACAACGCT GCATGTGCAC
301 TGATAGGGCA AGGCCAGCTG ACCCAGGCCA TGAAAATYCT GCAAAACTG
351 AAGATCTTAT GTCGCCGTCA TTTTCA

ug128 Length: 250 April 26, 1996 3:27 PM Check: 2715 ..

1 GGAATTCTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
101 CCAAATTGTT TTGATCCTTA TAGATTTGGA GGGCCAACCTG CATTTCAT
151 TTATACTTTK KGCAAGGGTAA GTACTTTAAA AAACAATTAA TTGRCTTAAA
201 TCCATTAACA TTTWTGTAAG GGATTATATG GTCAGCCATT CCTTGGTATA

ug129 Length: 392 April 26, 1996 3:27 PM Check: 1838 ..

1 GGAATTCGGA AAATGTTAGC ATTTAATTAA CCTCCGGTGT GGCTTTAAG
51 CCACCAGAAC ACAGGCACCT CCAACACCCCT TAATCTTCTC CTCAGCTCTT
101 CTGCTGAAGA ATTTGGCCTT CACGATGACA GGTTGCTTAG GGAGCTTCC
151 CTTGCCAGA ACTTTGTAGT AGCCTGATCG AACAAACATCA ATGATGGGAG
201 CAAACTCCAGT CTTGTTTHTC MGCATTGACC CGTGTCTGCH CGCTGACCAA
251 TGTCCACAGT TTATCCAGGT TGACTGTTGG GCAGAAGCTC TGGTCCTCT
301 TCAAGTGGTA ATGCCGCATA CCAACTTCC CAAAGTAACC TGGGTGATAT
351 TTGTCAAAGT TGATCCTCGT GGTGCATGCC TCCAGCATTCC

ug130 Length: 387 April 26, 1996 3:27 PM Check: 3411 ..

1 GGAATTCCTG AAGGCTGAGG CTGTGAAGAA GGACCGCAGA AAGAAGCTGA
51 CCCAGTCCAA GTTGTGGGG GGTGCAGAGA ACACTGCCCA CCCCAGAGTC
101 ATCCCTGCAC CTGAGATGAG ACAGGAATCC GAACAAGGCC CCTGCCAG
151 ACACATGGAA GCTTCCCTCC AGGAGTCAA AGCCAGGCCA CGCATGGTGC
201 CCCGTRCTGT GTACCTGCCA AACTGTGACC GCAAAGGATT CTACAAGAGA
251 AAGCAGTGTAA RCCCCWCCCG TGCCGAAAC GTGGCATCTG CTGGTGTGTG
301 GACAAGTACG GAATGAAGCT GCCGGGCATG GAGTACGTGG ATGGGGACTT
351 TCAGTGCCAC RCCTTCGACA GCAGTAACGT TGAGTGA

ug130r2 Length: 226 July 15, 1996 1:21 PM Check: 9723 ..

1 GAATTCCCTG GAGAAGCCTG GAGCTCCACA TGCAGAGAAA TGATCTGTCC
51 TTGTGTCTCG TTCTGATTAA AAACAAAAAC AATCAAATAA AAAACAAAAT
101 KGAACAACAA CCTTAGTGTA TGGCATGAGA ATGTGAAAAC ACTAGAGATG
151 ATCAGGGGGA TCTTCAAATG GAGGCAGACA GCCAGTTCT GAAGAGAATT
201 GCAGTAGCTC GGAAAGCCAG TCACCG

ug131 Length: 440 April 26, 1996 3:27 PM Check: 274 ..

1 GGAATTCGCA GAGGCAGGCA GATCCCTGTG CGTTTGAGGT CAGCATGGTC
51 TACAGAGGGA GTTCCAGGAC AGCCAGGGCT GTAGAAAAAC CCTGTCTGGA
101 AAAACCAAAC ACCACCACAG AATAAAACAA GGAGAACAG ACTTGTCTCC
151 AAAGTGGCTC TTCTGAAGCC CCTGCTCTGA AAGTTCACGT GACCACAGCC
201 ATGCCCTCTC TTCACTTGAG TCACTGGCTT AAGGCAAGGC TGCGCCGAGA
251 CCATGAGACC GTGAGACCAG ATGGTGGTGT GACATGGAGG GAAGGCGGAG
301 GTCTGGCTGC TGTGCAGCCC TAGCSCCACT CCAAGAGCAC CTGGTCTTCC
351 GAGTCAGCCT AGGTCAGTGG TAGTCATCAA GCTCACTTCT GAGCAGGGAA
401 AGATCCAGAG CGCCAARCCC AGCCCCGTCC CACAGATCCA

ug132 Length: 449 April 26, 1996 3:27 PM Check: 4680 ..

1 GGAATTGTT TGAATTCCCTT CAACTACACT CAGAGTTCAA GTGCAGACAC
51 ACTGTGTCCC AGGCTCCCGG TTCCCTCCAAG GGATGACAAG TGTGTGCCAA
101 TACCTCCGAC ACAAGTTTG GCACAAGTTC CTTGCACTCA ATACTCTCAC
151 AAGGCGAGCA CTTCACTGCG GACTAAGCTA TACCACAGCC CTGAGAATGG
201 AATTTTTCCA AGGTTCCAT TTAGAGTTGG ATCAACTGTC CTCTCTCTGT
251 CGCTGGGATG ACATGAGAAG CTTACAGGGT GGCACAGGTG CTGAACCTCAG
301 TGCTGATTTG TGGCGCTCTC CCTCCTCTG CTTCCCTTTG TAACCTCCGG
351 ACATGTGCTG GTCCSCTGCC CCTCACAGTA GGGTCTGCAC TGTAAGTATT
401 GTCTTATAGA GGAGAAGACT GATCAGGGAG AGGTTGAGCA AGCAGAAAC

ug133 Length: 401 April 26, 1996 3:27 PM Check: 7316 ..

1 GGAATTCCAG GTTATTATTT TGTTTTGGT GTTTTGTTTT GTATTTTGG
51 AGATAAGGTC TCACTATGTG GCCCTGGCTG GCCTGGAATT TACAGAGGTC
101 AGCCTGCCTC TGCCTCTTAA GTGCTGCAAT TAAAGTCCTG GACTATCACT
151 TCAGGCCCTC TGAGGTCAGT TTTAATCAGC GGAAATACTT TTATCATTCT
201 GGCTTGCTC TTCCCAGATA CCTACACTCT TTCTTCACTG ATACTCAGGS
251 CTGAACCAAC TTTTATCATT CTGGCTTGC TCTTCCGAAT TCCACCACAC
301 TGGCGGCCGC TCGAGCATGC ATCTAGAGGG CCCAAYCCGC CCCTATAGTG
351 AGTCGTATYA CAATTCACTT KTCGTCGTTT TACAACGTG TGACTGGAA
401 A

ug134 Length: 369 April 26, 1996 3:27 PM Check: 9691 ..

1 GGAATTCCCC GGCTCGAGCG CCGCTTTTTT TTTTTTTTTT TTGAAAGTT
51 TCAGATGTTT TTATTCAAAG GTTCTAAAAA GAAATAAAAC AGAAAAGCT
101 AACAACTCTGA TCAAATGTAC AGTTCAAAA TGCTTTGG CGTTAACAA
151 GTCCTAGGAA AGAAAACTAC AGAGTCATCT TGAACCGGTA AATAAGTCAC
201 CACTGGCAAG TATGTAGCAC TAGTAGAACAA AAAATAAAA ATTAACCTCTC
251 TTGATCATAT AGATATCTCT ATGAAAATCT TTTTTTCAA TCTGTACAAA
301 AGGTCTTCT TCATAAATTA ATTTTTTTA TAATTTAATG GCTGTCTACC
351 CCGGCTCGAG CGCCGCTCG

ug135 Length: 367 April 26, 1996 3:27 PM Check: 3292 ..

1 GGAATTCTATA ATTAATAGCA ACAAACGGCC GTCTCGCTGC CTGCCGCAGC
51 CGCAGGGTGC TTTTCAGAC CTGACGAGCA ATTTTTGTGA AATACGTAGT
101 ACGAAGGAAG AAAGCTTGGC GGGTCTTCAC TGCAAGGCATG GGGCTTCCGG
151 TGTTCCGGAC CGGCATGCC TGCAAGGCCT GCCGGGACAT GTGGCTTCCTT
201 GCRCGGGGT CCTCTGCAGT CGGGCTGGGA GACTTCTCTT CGTCTGACTG
251 GGTAGGCATT TTCAGACCTC CATACTTTTC CAATACAGCC AACAGGTCGC
301 VCAGAGTCTA CACTGCATGT TAGGTGGGCC CCAGGAATAC CACTGATGAG
351 ACTGTGTGGC GTASAGC

ug136rcon Length: 387 April 10, 1996 11:04 AM Check: 7562 ..

1 GGAATTCAAA GAGGTCTGCT AGCCGGTAGA CATCAAGGAT ATTCTCCTCA
51 TCTACCATG ACATGAGGAA ATCACAGCAG AAGTGGATAA TTTCTGGTAT
101 CTGAAGTTGG CAGGCAGCAA CCAGGGTCTC CTGCACATTG CTCAGGCTGA
151 GCTCTAGTTC AGAAAGTGTAT ATGAAGTGCA GGATTTGGCA CATGGCATTG
201 TAAGACACAC CGTGGATCAA GACCTCTTCC WGCTCCAATCT CCTTCAATCC
251 CCCAGCAAAC ATTCCCTCTGA AATAATCACA CGATGCAGCT AGCAGAATCC
301 GATGGGCCTC AATGTGCTTC CCCTCAGTGA CCAGGCCAAG TACCTGAATC
351 CTCTTACTGG GGAAATHGGA AMAATTMNN TGGCTTT

ug137rcon Length: 514 March 29, 1996 7:10 PM Check: 9950 ..

1 GAATTCTGTTT TGCCTATTTT CATGTGTAAA TTCATTCAAG TGATACAAGA
51 GCCCTAAAAA TCAACCCTTG ATTCACTAAA AAATATTTAT TTAAAAAA
101 GAGAGAGAGG GCCCAGGCAT GGTAGCTCAC ACATGCTTAT AATCACACAC
151 TTGGGAGGGT GAGCCAAAGA ACTGCCATGA ATGTGGAGTG AGCATGGTTT
201 AAAATTCAAC CCTGTCTCCA AACAGGGAGA GGGAAAGGGGG TGGGAGATT
251 GAAAATTCAAT ATACAGGAGA AATTAACAGA CAATATTATC AGAAAACCAA
301 AGTACACTTA AAACTGCACC ATCACTCTGG TTCATCAGGC CAGAGTGAAT
351 GCTTGTGACT ACACGTGCGT CCACCTGCTG AGGATGTACT TATTCTTTAC
401 TACAATAACT TCTAAAGTAT NTCATAGTT HACAGCAAKK CCAGANCCTA
451 ATAATTATCT AATCTAGNGT TTCTAACCT TNGCGATCAC AAATAATCTA
501 TGTACTAAGA CACT

ug138 Length: 99 May 30, 1996 10:48 AM Check: 6133 ..

1 GATTCTTAT CACTGATAAG TTGGTGGACA TATTATGTTT ATCAGTGCAT
51 AAMGCTGCTC AAGCCATGCA CAAAGCTGCG CGCGGCCGA ATVCVGTGA

ug139 Length: 357 May 30, 1996 10:48 AM Check: 3651 ..

1 GAATTCCGCA AAGGGAAGAC ACCTCCAGCT CAGCCCCAGAA GCAAAGCTGC
51 TGAGGGGGAC GTGGTACCAAG GTGGGGCTCA GCACTCATCC TCCCCGAGCA
101 GGGCATAACGG GTTCGGGCT GTTAGGCAGG ACCCAGGATC TGAAGTTGGG
151 GTGTCTCAT CTCCAAATCC CTCTTCATCT GCATCCCGGT CCTCCTCTCC
201 TTACTCCWCA CAGGAGCTGC TCAGTTCCCTC CTCCCTCTCC TCCTMMTCAT
251 CACCTGCCGG CCCCACCCCTG CCCTGCGACA GACCAGCTCT GCAGTCTCTG
301 GGTGAGACTC CCAGGTGCCT CTCTGTTCCG CTGTAACCAG GAGGGTAGAA
351 ACATAGG

00000000000000000000000000000000

ug140 Length: 554 April 26, 1996 3:27 PM Check: 4835 ..

1 GGAATTGGGG GAGCTATGGG TAGGAAGTGG TCCCAGAGAG GTTTTAGGTG
51 GAAGAATCAG GAGGAGTCAC AGGTCAACTT GCAGAATTAC TGAAGAATTAA
101 GGACCCAAA TTATGCCA ATTGATCTAT TCCCCCTTTT TTATTTCTGG
151 GGCGGTTTT TTCCCTTTTT TTTTAATCC CTCCCTAGCT TTTTATGCGC
201 TCATAATCAA TTGTACCCAT TCCCTACATA ACGGGAGCAG TGATCAGGTA
251 ATGAATGCAT CGAGCCATCA ACACCAGCTA GAGCCATCAA CACCGGCTAC
301 CACAATGTCC TGCTCTCCAC AACCTTGATT TTTTTTTTTT TATCTCTCTC
351 TATCGCTTGG CCTGAGTTGG GAGTGGAGTC TCTGTGGGGT GCGGCCACDC
401 ACCCACAGAG AAATAAAAGG AATTGAGAAG GTCGCTACCT GGCCTGACTW
451 CTGGGGACAG TGCTGGTCCC CAGAAGTTCT GAGGAGTGGA GGVGGCGTGV
501 GCACGATGTC CCCTCACGGT GTTAGGAAGG YGCTCGGAGG CCACAAAAGA
551 TGGG

ug141rcon Length: 498 April 10, 1996 11:04 AM Check: 7802 ..

1 GGAATTCCCT AACACTAATA GAAATAAAC CATTAAATC TTTGAAAGAA
51 AGAAAAGAAA AAGAGTGGGC TGAGACTCCT GCTAACCTCT GACCTACACT
101 GACCTGACTG CTATGCCAC TACATATTCA GTAACAAACT CAAAACCTTG
151 AGGAACCCCTG TGCTTCAGG CATACCATGA CAAGCTAGCA TGCCCAAGGC
201 CCTGTGCACC ATCTCCAACG CAGAAAGATA AGAGATACAC TTACATGTTG
251 GCAGGATCTT TAGTATTACC ACCAGGTCAAG CCACATTGTG TCCTGTAGTC
301 ATTGTTCCCT TTTTATATGA TCCTACCTGT CCGGACTTCT TCAATTGCA
351 CTTTCAAATG TTCCTCGGGG GCCACAAATC AAGTTGTCAA TCACATTGTT
401 GATTTTTGT CACCAAAGAA AGGATGGAAG CCTGCTCAGC AGAAATTATG
451 GGGCAAGGTC TTGATTCCCTC TTTCAGCAAG GCTTCACCTG AAAGGAGG

ug142 Length: 461 April 26, 1996 3:26 PM Check: 5907 ..

1 GGAATTCTTT AAATATGACT ATGGCCAGGC AGTGGTGGTG CACACCTTA
51 TCCCAGCCCT CAGGAGGCAG AGGCAAGGAG GATCTCTGTG AGTCTGAGGC
101 CATCTTGGTC TACAGAGTGA GCTTCAGAAA AGGCAAGGAT ACACAGAAC
151 CCTGTCTTGA AAAACCATAAC ATAAACATAAC CCTCTGGCCC CTTTCTTCTC
201 ATCACGAAGA AATAGGGAGG GTACATAAAAT TGTTTAGATT TAGCTTAGAA
251 GTTTATTTAC ATGTCTACGA GTGCTCTCCT GTGGAGCTCA AGAGAGGGTG
301 TCTGATCCTC CGGAAGAGTT ACAAGAAGGC TGTGAGCTGC CACGTGGCTG
351 CAAGGAACCA AATCTACTTG GTGTTCTTGG GAACACCAGT AGGTAAATCT
401 CTTAATTACT MGAGCTATCT CTCCAGGCTC CTAGATTCTC AGGAAAAAAA
451 CCTGACTAAT T

ug143 Length: 477 April 26, 1996 3:26 PM Check: 8063 ..

1 GGAATTCTGTA GGGGTGGCTC TGTCCAGTGA GCCAATCATT CCTTAAGACC
51 CTTCTGACCC CTCCCTGTACC ATCGGGACTT AATCACCAAGT CTGGGGAGGC
101 ATTAGGGAAG GGGCAAGGGG TGCAGAGGTT AAACCTCAGG AGAGGAACTC
151 AAAACCCCTTC AATGGGGCTA TGTGATAACGG AGACTTCCTG GGATGTGTCA
201 CTGGGTAATC AACTTAAAAG CTTCCCTCTG GTTCTTCTCA CAGGCTAGCC
251 TAGAAGGAAA GCTTTTGCTA GGTKGAGGTC TKGGGGAGGT CTTAGTGGTT
301 CCTAAATCCCC TTTCTTTGCC TTTACTGTCT GTCATGCTTG TACACCCCTT
351 THAGAGCCCC AMCCCCCAHC CCCTKGCCCC TGCTCTTGG TCTTCTCTGT
401 GGGAACCTAA CYTTGAGAAA ACTTGTGTCC CAAATTGGCA TTTGCTCAGG
451 GATATCTSAA TTTATKTCTC TTCCAGT

ug144 Length: 420 April 26, 1996 3:26 PM Check: 7146 ..

1 GGAATTCAAA CGGGCTCGCG CGCCGCTTTT TTTTTTTTTT TTTAATGCTG
51 TTGTTTATCT TATATATGAT AAAGTAAATG TCTTTATTCC TATGTTGTTG
101 AAAACTACCC AGTAATAATC CTGGAGTTCA CTGTGTCAGA CCTTGGAGGA
151 GTGGGCAAAG AGCAGCAGCA CAATAGTGTG TGTTGTGTTT AGGTTGGAAG
201 TTCTAATAGG CAAGTCAGGA ATTCTTATAT CTGTAGCTCC TCCAGAAGCC
251 CCAGGCACAG GCAGGGCTCG GTGTGAGCAT GTGCACACAG CYCCACCCCT
301 TCACCCCCACC CCCDYHYCAG CCAGGTGTCTT AGTGCACGTGA GATGTGAAGA
351 CTCTGCTTAG CAACCAGCAG TAAGTCCTGT CTCAATCGAT GCTAGGTCGC
401 TGTGAGTTAA GACAGGGACT

ug145 Length: 301 April 26, 1996 3:26 PM Check: 3035 ..

1 GGAATTCTTG AGGACATGAC ATCCAAAGAC TACTACTTG ACTCCTATGC
51 CCACTTTGGC ATCCACGAGG AGATGCTGAA GGATGAGGTG CGCACCCCTCA
101 CATAACCGCAA CTCCATGTTT CACAATCGGC ATCTCTTCAA AGACAAGGTG
151 GTGCTGGATG TGGGCTCAGG CACTGGCATC CTCTGCATGT TTGCTGCCAA
201 GGCGGGGGCC CGCAAGGTTA TTGGGGATTG AGTGTCCAG TATCTCCGAT
251 TATGCTGTGA AGATTGTCAA AGCCAMCARG TTAGACCATG TTGGTGACCA
301 T

ug146 Length: 458 April 26, 1996 3:26 PM Check: 5718 ..

1 GGAATTCTGTT CAGCAGTCCT GGAGACTGAG CCCTCAACTG AGGGCATCTG
51 ACATTCTCTC CAAGTTGAAG GTCTGATGCA AAACCAATAT TTTGTTTGGT
101 GTGTGAGTAT ATATCCCCAC ACTTTGGAGG CCCGCAGAAG TAACCTGTGT
151 TGGAGAAACT GACTCTGGTT TTTACTTAAG AGGAAAAGGG GGAGAGAAAC
201 TAGTGATGTG TTTCCCTGAT AGACTTTATA TCATATAATA TAAATCACAC
251 ATGGGGAATA CCAAAAGGCA AAAATAAGCA AGCCACTGTT ACCTAACTCA
301 GAAAATTATA CTCTTCATCC ATTTTAGGGA TGAAAACAAT TGCTGTCAAT
351 TTACAAGCCA ACTTTCAAGG CAGAATTAG GTTATCCAAT CAGGATTAG
401 AATATCGAAC ATCTTCAATA TCTAAATTAA TATTATATVG TCACAAATAT
451 CAGGACCC

400230-162ee660

ug147 Length: 502 April 26, 1996 3:26 PM Check: 7461 ..

1 GGAATTCGCT TTTTAAGGAA TGCTGGTGGT GCCTGGGTAG ATAATTACAT
51 CACTTGTTC ACTGTGTTGA CACTGTTTC CTCATGGATC TCCTCCATTC
101 CTAGCTTTCT CTGCTATGCA TTTTCTTCAC AGCGCAGCTT GCGGTCCGTT
151 GCTGAAAATT ATAAGCTCTG CATAGTGTG GCTTTACTGT GATGACATGT
201 TTCTTCTTTT TTAGCTGCC CACACCTTC TAGGGTCCAA CTACAGGATA
251 GATTACAGAC TTTCCATTAG TGTCTATTTC TTTTACTCTG TGTAGACTTT
301 AGAAAGTCTA ATCAATCCAG AGATGGGCCA ATTCAAGAATT GACTATAATT
351 GAACACCTGC TAAAAGTATT TATGGGAGGA TTGACACACA GCATGAGTTA
401 TTTGACTTTT GTAGGATATT TAAAATCAT TTGCAGTTCA TGTAACAGTB
451 GTGGTCTTAA AATTCAACATA ATAAAGCAGT CCTGTTCAAA AAAAAAAATT
501 TT

ug148 Length: 400 April 26, 1996 3:26 PM Check: 7120 ..

1 GGAATTCCGC CCTTGACAC TGCAACAGCA TGGTCATCTA CAAGTGCCAA
51 GCTGCATTG TAGCTGTCCT GAGACCTGAG CTGTCATGTG ACCCTTCAT
101 GGCAGGCTGG ACACACTATG AAGGGTAAGG TCCAAACTTG GTCCAGCCAG
151 TAAGAAACTC ACGGAAAATC TAGCTTCACA ACAGGAGCTC AAAGAACCTT
201 ACATACTGGG CATTTCACAT CAGGCACATG TCTGGGGAGA GGACTGGATA
251 CCAGACCTTA TAATCAGCCT AAACCTTGCTA AGAACAAATAA TTAGGTCCAT
301 TTTAAAGAGG TTCTAGCCAC TATTCTTGAA ACTGATTTA CTAAGTATAA
351 ATCCTCAYYG AAATCTGTC TAAAATAGGT TATTGAAAGC AACTCCTGTC

ug149rcon Length: 463 March 29, 1996 7:10 PM Check: 3608 ..

1 GAATTCCCTT GCTTGATCAA TATGTTTATT GTCTTATGA AAAAATCTTC
51 ATAGAAAACT GCTTAGCTT TCAGCAGCCC TTTCCTGAGC TCTGAGGAAG
101 CTTGCCTTCT TTTGAGCAAC CCGATCTTTC TTCTGGCAA GAGACATTTT
151 GGGACGATTC CACCTCTTCT TCTTCACTTC TCTCTTGGGC TTCTTCTCAT
201 AGACTGGATT CTCTCGGATA GCAGCATGAG CTTTCTTATA CATCTCCTCC
251 ATCATGTCTG GAGTTACGTT GTTCTTGATG TACTGAGAGA ACTGTTTCTT
301 ATACGCATCT TCATCTTCCT CCATTAGGTA GCGCATGTAG TCTGCCACAT
351 TCTGACCCAT GATGTGCTTC CGATGTACCT CTGCATTGAA CTCCTTGCYT
401 TCAGAGTCAT AACCAGGGAA TYGTTTGGTA CTATGAGGGAA TAGACAAGCT
451 TCCATHCACA RGT

ug150rcon Length: 188 April 10, 1996 11:04 AM Check: 3098 ..

1 GGAATTCCGG CTTCTGAGCA GATCAGACTC TCCTCGTTVN CGCASTCRCD
51 CVGCTCCTTC CAGCAACCAT GTCTGACAAA CCCGATATGG CTGAGATCGA
101 GAAATTCGAT AAGTCGAAGT TGAAGAAAAC AGAAACGCAA GAGAAAAATC
151 CTCNRCMTTC AAAAGAAACA ATTGAACAAG AGAACCAA

ug151rcon Length: 276 April 10, 1996 11:04 AM Check: 1517 ..

1 GGAATTCCCTC TGACCTCGCT GTCTCTTCTC TCCTCTCCTC TGCTCTACCT
51 CTGTCTCACCC TCTGTCAAGT TCTATGAATG ACTGATAGAA AGCTAGTCTG
101 CAACCATTGCG GCAGGTAGAA ATTTCCCCCTG CTCTGCAGGG AGACATAACC
151 CTCIGTTTGG CGATGGAGAA TGAGGAGCAG AGCAGTGAGC CCCTGGGGAG
201 GCTGTAATTA AGAWCCACTC CTGNCTGAGC CTCGSGCAGA GCCTCACTCG
251 SGATTCTCCC TGTAACCTCCC CAACAC

ug152rcon Length: 608 March 29, 1996 7:10 PM Check: 3499 ..

1 GGAATTCGGA ATTCCCTTAA ACTACAAGGA TTTTATTTTA TTAGAACATA
51 GCCTGAGCCA GAACCTTTA TGGTCACAGG AAGAGATAGC AAGTAGATT
101 ACTGACATCA AGAAGGACTG CCCAGTGGTG GAGCCAGCAT TTGAAACTGG
151 ACTATAGAGG ACCAACTACA ATTGTGACTG CATTGTGAC TGAATGTCAC
201 AAAAACTGCT GAGAGGCTTG TCATGTATAT GAGAGACAGG GAAAGAGTCA
251 TAGTCAAGAC TGGAAGCATG AGCAGGCAAG AAGTGATCCT TAGATTCTAT
301 CCCCCATCAGT TCTTCACAT CACATGTGTT TGGCCTCTGT ATAATACCCA
351 GCTGTATTGA CCAGGACTTC TCTGTCCTGC TTTGCTCTTG AATTTTCATA
401 GTGAGCCTAC CTTTGTTAA TGACTATTTA TGAGATAGTG TTCTATTCTC
451 AGGTTACTAC TGTGGATTGA ACCCAACATT ACAAAACACCA GCTCAGCAAM
501 GAAAAATAAC CAATTACTTH GTCTCTGTTG AACATTGAAA ACACCTCCAC
551 TGAAAGAATG GAGTGATTAA AAAAAGATCC MACMGATGAC CMAAGTAACC
601 ACAGATAT

ug153rcon Length: 278 April 10, 1996 11:04 AM Check: 5791 ..

1 GGAATTCACA AGATCTACCA CTTACAGAGC AAAGTACCCA CCTTTGTWC
51 GAATGCWGGC CCCAGAAGGA CGACCCCTGAA TATACACGAG AAAAMCTGGA
101 ATRACCTACC CTTACDGAG AACCGTTATT ACTAATGAGT ACATGAAAGA
151 AGATTTCTG ATTAAAATTG AAACCTGGCA CAAGCCAGAC CTTNACACCC
201 AGGAGAATGT GCATAANGCA KMGGAGGCCT GASRGATGG AAACATGTGG
251 AAGCTATATA TATAGACAAT TRCTGATC

ug154rcon Length: 488 March 29, 1996 7:10 PM Check: 3429 ..

1 GAATTCGAGA GAGAGAGAGA GAGAGAGAGA GAGAGAGAGA GAGATCTAGT
51 TGTCAATTGA ACAAGGTGTA TTTGAGCCTG GAGGCATGAG CAGGGCTGGT
101 TCCTGCGGAC CCTGTGAGGA CTGTGGGATG GGCAATGGGTG TTGTCTATAC
151 TGTGGTTGAG CACCAGTGCC CAGGCCAGG CTGACTGACT AGCTGATACC
201 TCCTTGGTAT TTGCAGGGTA CTCTTGAGAA GTTCAGGCAG GTGAAAGTCT
251 GTGGCATCCT CCTCATTTGGT CTTCTGCCCT CACCATCCCC CATGTAACCA
301 AAGAGACTCT GAGCVCCTAT TTTCCCTCCC TACTGAGAAT CCCTCTGGAC
351 TCCANNTCAC TCAGGGTAAA AGTCCATCCT TTCCATGACC ACTGGGTGGG
401 TCTTYACCAT CCACNCTCAT CACCTGTCTG AATTAGTTGA CGCTCCCTCT
451 GCWCCAGCCG CAATGGGCTC AGCCTTGCA CGTGGTAT

ug155rcon Length: 523 March 29, 1996 7:10 PM Check: 8266 ..

1 GAATTCCAGC AGTTAACAGC ACTGACTGTT CTTACAGAGA TCCTGAGTTC
51 AATTCCCAGC AACTGCATAG TGACTCACAA TCATCTGAA TAGGATCTGA
101 TACCCCTCTGC TGGTGTGTCT GAAGATAGTT ACAGTGTACC CATATGCATA
151 AAATGAATAA ATAAATCTTT TTAAAATTTT TATTGCTTA ATTATATTG
201 AATGTGTGTT TTACCCACTT GTATGTCTTT GTATCACCTG CCTGCCTGGT
251 GACTGAGGAG GCTAGAACAGAG GGCTTCAGAT TCTCTGGTC TAGAGCTACA
301 GCTGGTTGCT AGTGGCCATG TAGATGCTGG GAATCGAGCC TGGGTTCTCT
351 CTGAAAGAGC AACAGTGCCTT TTAACCACAG AGCCACTAGA CATAAGCATT
401 CAGAGAGGAT TTGTTGTTGT TGTTGTTTG CTTTGTGTT GTTTGATT
451 TGTATTYTGC CACAGTGGCT GCAAACATTG AATCTGAGTT GGAGGTAATC
501 CTTTTATTTT ACAGAATMTC AST

ug156rcon Length: 480 April 10, 1996 11:04 AM Check: 6681 ..

1 GGAATTCCCC CCGCCATGAC TTTCAAACCT GTTGACTACA CTGTAGTCCT
51 CCTTGGAAATA GACTTCATC ACTGCTTGGG TCTCCTCCTC TGTACTTGCA
101 ATGCCCATCT TTAAGTCCTG CATAGCAGCC AAAGTGTCAA GACAACCCAG
151 GATATGCAAG GCTGCGTGAG ATCGGGTGGT AAGAGCCCTT GATCCTGTTG
201 GCAGAGCAAG TTCAGGACTT AGAATACTAC ATCTGGACTG CATGTCTGTT
251 GCAGAGGGAA GTCTGGCATC AGCAACCACG GCATTGTAAC ACCAGAGCTC
301 TCTGGTGCTT GGTCGAAACC TCCAAAGCAC ATCATATACA GGATCAAGAC
351 ACACACCAAA TYCTTGCAGG TCTTCTTGTG CAGAGTCATT GAAAGTTTTA
401 CAACTTCCAT CAACTTTATT TATCAGAAGA CATTAAATG GTGGAGGTYC
451 TGATATGGAA GCAGGAMCCA RGGCCTATTAA

ug157rcon Length: 424 April 10, 1996 11:04 AM Check: 514 ..

1 GGAATTGCA ACACCTCTTA GGGCAGGTGG CAATCCAACA ACAACAAGGT
51 CCCGGAGTAC AGAACCCAGGC TCTGGGTCTT AAGCCTCAGG GCCTTCTGCC
101 TCCCAGCAAC CACCAGGGCC TCCTGGTCCA GCAGTTGTCC CCCCAGCAGT
151 CCCAGGGATC CCAGGGCCTG CTTGGCCCTG CCCAGGTGAC AGTGCTGCAG
201 CAGCAGCAGC AGAACACAGCA GCACTCTGGA GCTCTGGTC CTCAGGGCCC
251 TCACAGACAG GTGCTTATGA CTCAGTCCAG GGTGCTGAGC TCCCCTCAGC
301 NGGCACAGCA GGGTCACAGC CTTATGGGAC ACCGGCTACN CNCNNCCAG
351 CAGCAGCAGC AGCAGCAGCA GCAGCAGCAG CAACAGCAAC AGCVGCAGCA
401 ACAACAGGCA ACAACAACAA CAGG

YODER, JEFFREY S.

ug158 Length: 455 April 26, 1996 3:27 PM Check: 4022 ..

1 GGAATTCAAGC TTACATAGGG AATTCTAGGG CAGTGAGGGA GTTTGTCTCA
51 AGAGGAAAAG GTTAAGTGTC TGAGGAATGA CCCTGGAGGT TGTCCTTGAGA
101 CACCTGTGCA GGTGCACACA CACACACACA CACACACACA CACACACACA
151 CACAGGAGCC AGGTATGGTA GGTAGCACAA GCTTGTAGTC ACAGCTACAT
201 GGGCAGGTGA GACTGGATGA TTTAGAGTTT GAGGCTAGCC TGGCCTACAT
251 GGTAAGTTCA AATCCAGCCT TGGTTATCTA GTTGAGTTGT TATCTCAAAA
301 CAAAACAAAC TTATCCACCT ATGTGAGACA ATGTGAGATT TTTTCTCTGC
351 TCAAAGACAA ATGTTTTCT CAAAGGTAGC AACAGGCTGA TAGGAACACT
401 CTTCCCAGAA GAGTDCACAC ATGAGCHGGT GCMCTGGVVA TGCTCAGAAG
451 AGGCT

ug159 Length: 410 April 26, 1996 3:27 PM Check: 3140 ..

1 GGAATTCACT AGAACGTCAT TTTGTTATTC TTTTTTTTCT TTTTTTTTTA
51 CAAATCAGTA AAGCTTAAAG CCAGAGACTT ATAGATTGGT TCAAATATAA
101 TCAACAGTAA GATACAGACA ACAAGAGATA CAGCTAAAGC CACTAACAGC
151 AACAGATTCA AAGTAGGAAG ATGGGCAAAG GTCTTATCAG GAAAATGCTA
201 ATGAAAAGAA AGCTAGATCG CAATGGTAAC ATCAGATAAA GGGGAAAGCA
251 AGCCAAGCTA CATTAAATAG GGGTAAGGAT GGCTTCGGTT AGCCTTCCAA
301 CRCGTCACTA TAAGTTTGTT TCTCACTTWA CTGAWCTCAT CTAGCTCCTC
351 CACAATCTCT AAACAGATCA TCACTRCTCA AGARCMGTGTT GTGTATATAC
401 CTCCTGAAAA

UG160 UG161 UG162

ug160 Length: 452 April 26, 1996 3:27 PM Check: 5949 ..

1 GGAATTCCAT GGTTAAAGCA TATCAAATAA ATACTAGGCA AGGAGTTCC
51 TGGGAGAGTT AGAAATTAAA AAAATTACCA AATTTCTGT CTCTGTGATA
101 ATTCAATGCC AGTAAGAGAA AGGTATTGAA GGGACAATTT TCATACTAAA
151 AAAAGAATT CCCTAGTCAT GTCACCATCT CTTATAAAGA ATCCAGGGAA
201 TCCCAGAAAT AGAAAATTAG TTTCAGGGGG ACCCCTGAGG CACTTTAAAG
251 CCTTTAAAAAA ATTACAGTAA TAATAAATTG GCTATTGCTC TTCAGAGGCT
301 CACGGAACAG CTAACACAAAC AGGACCAGGT CCAGAGTTAG GTCCGTATCT
351 CAGGTTCTCG AGCTGCCGG CCCTCTTAA AGCTTAGACG AATTTCCAAA
401 TACAAGACAT ACAATTAAAC ACAGACTGAG TGGDCTTTT TGTTTAGTGG
451 GT

ug161 Length: 387 April 26, 1996 3:27 PM Check: 8764 ..

1 GGAATTCCAT TCTTCAAAAA ACAATGTATT ATCACCTGAG AAATAATCCA
51 CATTTAGTTA ACTTTTCAGG GAACTTCTGA ACTCATCATA CATACTCCAC
101 TACCCAATGT CGACACTCCA TTTCCACCTC AGCCAGTTAA GTGTAAAGTA
151 TGCAAAACCT CAATGAGTTG TTTCTAACTG ACAGACTGCA GAGATAAAAG
201 CAATGACGAC GGCCCTTCAGA TCTTAGCAAA AACAACTGCT AAAGTGACTA
251 TCAAGGAAAA GAACCATTAA AGAAGCAGTT TTATGTACCA AGGTGGTTAA
301 AACTTAAAT TTGACAGGCA GTTGGTGGCA CGTGCCYTTW ATACCCAGCA
351 CCTGGGAGGC AAAGGCMGGC AGGATTCTG TAGGTT

ug162 Length: 278 April 26, 1996 3:27 PM Check: 7068 ..

1 GGAATTCAAG GAGAGCGCAG ACAGGAAAAC TGCAGAAAGC CACAGGGAAA
51 GTACGGTACA GACTCAGATC TTTTTATTTT CAACTTACTT CTCGTTTATT
101 TCCCCACAC TCCTCTGGCT CCTGCCTAAC TGGGTCGCGT TGGGGATGTT
151 TGGCATGGCG CTCTTAGCTT TTGTTCTTT TAATTCCGCG CGCCCCCTTH
201 CTCTCVGGCG GATTAAGTCTGAGG TCCCGAACTC TGCCACTACA ACCTTAGGAG
251 CAGCAAGCTY CGCCAAGTGG CACCACCG

ug163rcon Length: 591 March 29, 1996 7:10 PM Check: 9705 ..

1 GAATTCA~~T~~TT TATTTTATTT TTATTTATTA ATAGTAACAA AAATCAGAAG
51 TAACAAAAAA CCCAGTTAAA TGGAATACAG AAGCACAGCA AATACAAATG
101 CAATTTCAA ACCACTCGGC ACAGAAATCT GTTGAAACCA TTTTCTGAAG
151 TTTAACTATT TAGGT~~C~~ATAG GACTAACCA GG~~C~~ATT~~C~~GG~~A~~ GTGCTCACAT
201 GGATTTGGTT GCCGATGGAG GAGCCTGCTT CCCCAAGACT GACAGTAGTA
251 CCCAAGAGTC CTGGTATATG TATGTGAAAA GACCTCCCTG GGT~~C~~CTGGAT
301 CTTAAGAGAC ACTGATGTTA ATAAAACCAC CAGGACCACA TAAAACCACA
351 GAACAAAACC CCAGAGCAAG CCCAGAGAGC TTGCCGTCTT GTTCTATAGG
401 CTTCTAGAGG ACTCTAGGAA CTGAAGAAGA TGTAATCCTG CGT~~G~~TTGGTC
451 CCATGCAAAT CTCACCCAA GTCTCCCAA CCAGGCTACT TAGCAGCTT
501 TCATGAACGG TTCAAGGATC ACCTGAATCT ATGGGRGGGT CACCTGAATC
551 TATGGGAGGG TCACCTGATC TATTGGTSCH TCAGAGCAAC A

ug164rcon Length: 578 March 29, 1996 7:10 PM Check: 6277 ..

1 GAATT~~C~~GATT TATTGAAGCA GTAACAAGTT GGTCAGATAT TTACTGGAAA
51 AAAGCAGTTT TAATGGTATT CAAAAAACT TTAAAAAGTA TTCTAGCACA
101 AGATTTCTTC GTAAACTAGA TTATTTGTA AACCTTTCT ACGTCTTTG
151 GGGTGT~~C~~AGT TGTAA~~G~~TGC TGAGCTTCTT TCTATTCCAA ATCTATCTG
201 CGCTCCTGAA AAAC~~T~~GCAGT AAAGGCAC~~T~~ GAAAGCTGTT TTCCTAAGAT
251 ACGATTTTTT TTTCTTCTT GCTGGTACTG CACTGTTGCA CCAAGTGTGT
301 GCAATTTTA TTCAAGGTCA TCGTGATGCT GAGAAGTCTC ATTGATCACC
351 TGTCCATCTC TGGTCTCAAC CGTCTTAATC AGGAGTGTTC TTTTGAGTG
401 GGTGTCAACC AGAGGAAGTG ACTCCAGGT AGT~~T~~TCTCTC AGGTT~~C~~AGGG
451 AAGAAAAGGT TGGCAGAGGC AGAGAAATCC TGCTCTCMNC GCCTTCCAGC
501 AGCTTCCTGT AAGGNNGCGA NCGTCAATGT CCAGGGCCAD CTTAACATTG
551 AGCCAGATCT TGGAATT~~C~~AC GMAGGTGA

F000000000000000000000000

ug165rcon Length: 530 March 29, 1996 7:11 PM Check: 3289 ..

1 GAATTCCGAC TTCACCATCC CTATCAAAAT ACTGTCAACT TCTAACACAA
51 ATAGTGACTC TGTGCTTGTC TGTTTAGTTC TGTGTGTAAA TGAAATGTGG
101 AAATGACCCT CCCTGCCCA GCTGGCTGCC CTCCCCCTTC CTTTGATCTT
151 GACCACTCAT GGAAGCAGGA CCAGTAAGGG ACCTTCATT TAAAAACAAAAA
201 CAAAAACAAAA AAACAATAAA AAGGCTAATT AACAAACAAAA AAAAAAAAAAA
251 AAAAAAAAAA AAAAAAAGGG CCGHGAATTG CACCAACTG GCGGCCGCTC
301 GAGCATGCAT CTAGAGGGCC CAATTGCCC TATAGTGAGT CGTATTACAA
351 TTCACTGGCC GTGCTTTAC AACGTCGTGA CTGGAAAAC CCTGGCGTTA
401 CCCAACTTAA TCGCCTTGCA GCACATCCCC CTTHBGCCAG CTGGCGTAAT
451 AGCGAAGATG GCCNCACCG ATCTGCCCTT CCCAACAGTT GCCGTCATCG
501 CTGAATGGCG AATGGRCGCT SCCCTGTAGC

ug166rcon Length: 501 March 29, 1996 7:11 PM Check: 6787 ..

1 GGCGGTAGGC GAGCAGCGCC TGCCTGAAGC TGCAGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTCGTC GGCTCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CAGCGCCCGC TTGTTCCCTGA
151 AGTGCCAGTA AAGCGCCGGC TGCTGAACCC CCAACCGTTG CGCCAGTTG
201 CGTGTGTCGA GACCGTCTAC GCCGACCTCG TTCAACAGGT CCAGGGCGGC
251 ACGGATCACT GTATTGGCT GCAACTTTGT CATGCTTGAC ACTTTATCAC
301 TGATAAACAT AATATGTCCA CCAACTTATC AGTGATAAAAG AATCCGCGCC
351 AGCACACTGG CGGCCGCTCG AGCATGCATC TAGAGGGCCC AATNCGCCCT
401 ATAGTGAGTC GTATTACAAT TCACTGGCCG TCGTTTTACA ACGTCGTGAC
451 TGGGAAAACC CTGGCGTTAC CCAACCTTAA KCGCCTTGCA GCACATCCCC
501 C

ug167rcon Length: 561 March 29, 1996 7:11 PM Check: 462 ..

1 GAATTCCAAT CTCAGAATAA AGGATGACCA CTGGACTCTC AGGATTTGAT
51 GAGGGATATC TGTGATCTCC TTTGAACAAT AATGGTTCG GTCTGTCAGC
101 GGCAGTCAGC AGAAGGCTCT CCAGAGTGTC TAGATCACAA GTCTGTTTC
151 CATGCACTGA GAGAAACGAC TTGCACCCTT CTGGTGGAGG CTCGTCAACT
201 GCTATCTGCT GGAAGGCTTG AATTGAGGCT GAGTAGGAAC GGAGAGAGAG
251 ACAAAACTTC AACAAATTCT GCTGCAGAGG GGACAGGAAG CGAACGCAG
301 CTTCCAATAC GGCATCGTAA TAGGAGTGAT CAGTATCGTG ATGATCTGAT
351 GATCCAATGT TTTGAGTGGC TTCTACAAAA CTCCAAAATT TCTCTTGACT
401 GTCTTCTGCT AAGAACTCAC TGGCTTCCAG CAGCAGTGGG GCAGAAAACC
451 ACTTTGTGGT GAGAGAGGTG STAATGGCTT TTGAATTGGC TTCTGCTAAG
501 GAAAACAGGC ACGGTAAGGC CAGTGCAATC WAGGAGATCT CRTGTATGTA
551 ACGGAGMCCT G

ug168rcon Length: 547 March 29, 1996 7:11 PM Check: 9273 ..

1 GAATTCGCCT GGGAAATGTCC TGGGGAAAGAA GAGCAGAGTG TTTCTGCC
51 TTGGCCCAGG CAGTGCAGAC AGGAAGAATG CATGGGGTAA GGGTAGGCCA
101 GTAACTCCAC TTGCAAAGGA TGTAGCACTC ACTGGCTAGG ATGCATGGGG
151 AGAGAGTTAC TGCTGCCAGC TTTCCCTCTGG TACCCGCTAT AGACTGGCAT
201 CCAGAGATGG GTGCCCTGGCT TGAGGCCCTGA GACAGTGATG CCCTTCTGCT
251 GGTGGCCAAT GCTCCCTGTTA AGCTGCTTAC TGCAAGGCTC CATCTTCTGC
301 ATCTGTGTCC TGGCTGTGCT CCAGCTCCTC CTCGCTATGT GTTAGCAGTC
351 CCTCCTCATC ACCATCATCT CGAGTTTGGA CTTCTCCTTG GGGTGTGCCT
401 GCCTCAGAAG CCGTGTCTTC TTGGGGCGCT GGTAGCCGGC TGCTGCTGCT
451 GCAGCTCCCG CTGCCGCCGC CGCTGCCACC ACCAACATTG CTACTGCCGC
501 CTCCACCACT GCTGCCCTCCT CCTCCACACT GBGCTSKTCA CCCTTYT

ug169rcon Length: 644 March 29, 1996 7:11 PM Check: 8003 ..

1 GGAATTCTTT TTTTTTATAT GTAAAACGAC AAAATATTTT AATTTTCCAT
51 GACCACAGGC TCTCTTCAGG AAGGCTGTAC CTGTATGACC ACCAGGTGAC
101 AGCATGGATA ATGCTTCAGG ACAAGTCACA ATTTTGTACT ACAAATCAGT
151 TCAACCACAG CTTGAAATGT AGTTTGTCCC AGCTGCAAAA GCCACAAGAC
201 ACCAACATCATG CGTCTTACCC CAGTACAGAC TTTTATAAAA CACACATGTA
251 TGTAATTAGC ACAATAAACG CGCTTATTAT GCACTCTAAC ATAGAGCACA
301 GGAATACACG CTATGGAGTG CAGCCCTCAT GTCTCACAG GCAAGAGCTA
351 GAGGGTTAAA CAGGAGCCCA TGGTGTGACA GCAGGAGCTC GGAGCGCACC
401 ACTCTGCACG TGACTTACCC TACACTGAGA ACTGTCACCC TGTCCAGTGG
451 GTGGCAGGTA CAGTCTCATA AACAGTGTAA TTTCCCTAGAG CAGAGATGTC
501 AGTCTGGATG TGAGTCGCTG TTACCTAGAA GGSATTACAA GTCAGCTCCA
551 TAGAAGGTGG GCGTTTGGCT TTGGGGTCGA GTGTAACAGT GTCCCGCAGA
601 CACTTKCACA CCCGCACCCCC TGTGCCCAAG GGGAGTGCMC TTCC

ug170rcon Length: 442 March 29, 1996 7:11 PM Check: 3159 ..

1 TGGAAATTCCC AGTGTACCGG CACTGCTGCT TACAGGGCCC GCCACCTCGA
51 CAGCGGTCA TCAGGTACGG GTCTTCTTGG TCCTCCTCGT CAGGAATCTT
101 AGCTGGGTCC TGAAGGTCTG CACCGTTGCC TTGGACAAAG TCTGAATTCT
151 CCCGGGCCTT CACACAGCAG GCACGGAACA CCAGCCCACA CTGGTAGCTT
201 ATCATGACAA TGGGTTACCA GGTCTGGTCT CGGGCCAGGG ATGCCTTTCC
251 CAGCATGCAA CAGTGGCAGC ACCTCTTAT GAAGATGGTC TCAAGGCTAC
301 TGTTGTAGCT GTGGAGCGAG GCNCAGCTTT CTTGGCTCGC TKGGCCARGG
351 TTGATGCCCG TKGCACAGTG GCAGCTCTT CCAGTTGGT TGTGACAACA
401 TTTKCTCATK GGRCCATTCT GCACDCCYTT GGATTCTBGA GG

ug171rcon Length: 496 March 29, 1996 7:11 PM Check: 4910 ..

1 GGAATTCCCG TCCAGCTCCC CGGGCGGTGT GGAGAAGCGC AAGCTCCCGT
51 TCTCCGAGGA GTGCTCTGAT GAGGAGGCAA AAGGCGATTG TCTGGAGTCT
101 CCGAAAGTAA GGAAGGGATC TTTGAGCTGC CTGGAGGCCG CATAGCCAGC
151 GAGCCACTGC GAATAACACGT TCTCCGTGTT AGGCATCGCG GCCGGGGCA
201 GGTCAAACTC CTTCTCCAGC TTGATGCGCT TGGAGAAGGG GCTCAGCGAG
251 CTGGGGCTAC CCAGCAGCAG CTTTTTGGAC AGACCCCCCG AAGCCGATTC
301 GCCGGGGGAG CAGCCACGAC CATTAACAGT GCCATCGTCT ATGCGGTCTG
351 ACTCACCGGC CACCGAGTCT TYATCACAAAG TGTTCCCYAW GGSCCTCSGG
401 CTCTGGCCAG GTGGCTACSC TTATGCTTT NNCCCAGGAC CTTGTGGAAG
451 GCCTCTCTBA AGTGCTGCAT GGAGCTGAGC ACCATGCCCT GCATGA

ug172rcon Length: 430 March 29, 1996 7:11 PM Check: 6651 ..

1 GGAATTCCCG TTCTCCTGTA TAGGAGGCAG CCATGGCGCC CAGCCGGAAT
51 GGCATGATAC TGAAGCCCCA CTTCCACAAG GATTGGCAGC AGCGAGTGG
101 CACTTGGTTC AACCAAGCCGG CGCGCAAGAT CCGCAGGCGC AAGGCCCCGG
151 TGGCGAAAGC CGCTCGCATC GCCCCTCGCC CCGCGTCCGG CCCCATCAGG
201 CCCATCGTGA GGTGCCCTAC AGTGAGATAC CACACCAAGG TCCGGGCTGG
251 CAGGGGCTTC AGCCTGGAGG AGCTCAGGGT GGCTGGCATC CACAAGAAAG
301 TGGCTCGCAC CATCGGCATC TCTGTGGACC CGAGGAGGCG AAACAAGTTC
351 ACGGAGTCAC TGCAGGCCAA CGTGCAGCGC CTKWAGGAGT WYCKCTCCAA
401 GCTCATNCCT GTTCCCCAGG AAGCCYTYTT

ug173rcon Length: 383 March 29, 1996 7:10 PM Check: 3254 ..

1 GAATTTCGCTT GTTCTGTCAT TTTCTTTCCCT TGGTAAACTC TCTGGGGATT
51 GGTCTGTWCT CAGCTGTGAC TATAGTCACA TCCTGGTTCC CAGCAGAAAT
101 KGTGAAACAA CCTGCWGCGT AGCCCCACAGT ACTACAGTTC TCTGTTTGT
151 TTCTGTTCT AGCCCCGTCTC GATACTGACA ACTGGAGTTG AAGCTGCTTG
201 AAGTAAGTCT GATGCTTTCA TATAAGTGAA TTTGTAGGAC TATTGCTTTT
251 WRTTTTTACA ACAGAAGTAA TTCTGACATA TTAAGTGGAA AATCTAAATA
301 AGTATATAGA TTATATAACA TGATTTTAAT TACATKGGAT CCAACTACAT
351 ATGTGATTAG ATAATGTGTA TATGTACATA TGT

ug174rcon Length: 166 March 29, 1996 7:10 PM Check: 917 ..

1 GAATTTCGAAA TCCCTATGCT GDNMAGAGGA AAGCCAGCTA AGTTTNWRC
51 TGTGTTTWRT TCTAAACGTG ATGGTGTYTC TGAGGCCAAA AAGTACAAGG
101 CAAGTMTWNC AATATTTCTC TGCAAAGAAG CAAAGAGAGA AATAAGACCM
151 SCCAGCAATT GAATT

ug175rcon Length: 231 March 29, 1996 7:10 PM Check: 3548 ..

1 GAATTCCCTCC GATTCAATTAA TTAGGACATG ATCTCTGATG AATCTTTACT
51 TCCCAATTGC TAGGCTTACT AGCAGCAAGC ACACCTGCAC GAGSTCCAAC
101 ATGGGKTCTG GAGATCCTAC ACAGGCTAAC AATTTDCNNN VCTTCTAAAA
151 TGGAATTCTC ACACCAAACC ACTTACCTCT TCTTTGRTTT TCTGBACAAA
201 GTCAAGTCAA CATAGGACAG GGCGTCGCTC T

ug176rcon Length: 294 March 29, 1996 7:10 PM Check: 3208 ..

1 GGAATTCAAG AGAAGGAAAG AGAGAGGGGG AGAGAAAADAA AGAAAGAAAAG
51 AAAGAAAGAA AGAAAGAAAG AAAGAAAGAA AAAGAGAGAG AGAGAGAGAG
101 AGAGAGAGAA ATAAAGAAAA RGCTAAAMMT DDMWRVWRCT TAARMTCTTA
151 TAGAACACACA CATCATTTT GTTTGACTTA TATCCCMTC T BGCAATMTCA
201 AAGTCCAGTC CAACAAGAGT TCCMGCTTCG GACACACATT TGGTCAGGAT
251 GATGGTGGTT ARTAWCTVNM TGTGNTCTGT CTAGRWCMAA ACTC

ug177rcon Length: 506 March 29, 1996 7:10 PM Check: 7216 ..

1 GGAATTCCCTC CAGGGTAGTC TGGAGGTGGT GATAccATAG GAGAATCCAA
51 GTTTACAATG GATTTCATAA CAATTTCTAA AGCATTTC TT CCATACTGTT
101 TAAAAAAAAA AAAAAAAAAA AAGATGTTT ACCAGGCTC ACCATTG
151 TAATTTTTT GACCAATTAA ATGCTATAAA TTATAATTGT ACCAAATATT
201 CAGAAACTAT TATTTATAAA TATTCAAGGAC ATTAATTACG ACCGCCTATT
251 TGTGCCTTTT CAGACAGCAG ACATTCAATA TGTTAATACT TTTTTAATT
301 TTAATAACTC ATCTTGATGT TTTCCCAAAA NTNCCAGGAG TATTTTICCAA
351 AAGGAATAAA AAAAATGTAT GTATAGATCA TGATATGTCA AATCCTGTCT
401 CACATGAAAA TACCAGAAGG CAAAGCTAAC AAGAGCAAGC AAGTAGAGTG
451 GTTAGNNHCA CATCACTAGA GACACAGAAA TGTACCTTGT TGTCAAAGTT
501 GAATCT

ug178rcon Length: 492 March 29, 1996 7:10 PM Check: 2867

1 GGAATTCCAG AGGAAGGGAG CTCAGAAGAT GGAACGAAGG CTGATGAGAA
51 GAGCTCTGAC CAAGGGGTGC AGAAGGTGGG AGATACTGAT GGCACTGGTA
101 ATCTTGATGG AAAGAAAAGAA GATGAAGACC CTCAGGATGG AGGGTCCCTT
151 NCCTCAACAC TGTCCAAGTT GAAAAGGATG AACCGGGAAAG AAGGAACAGG
201 GGCTACAGAG CCAGAATATT ACCACTACAT CCCCCCAGCA CACTGCAAGG
251 TCAAACCTAA TTTCCCCCTTC TTACTCTTTA TGAGAGGCCAG TGAACAGATG
301 GAAGGGGATC ATAGTGCACA CTCAAAGAGT GCCCCCGAGA ACAGAAAAAG
351 CAGCTCTCCC AAGCCGCAAG CTGTTAGTAA GACAGCAGCA AGCCCAGGGG
401 CAGAAAGAAC AGTGAGTGAA GCTTCTGAGC TGCAAAAGGA AGCCGCTGTG
451 GCTGGNCCTT CAGAGCCTGG NGGCAAATGC ATGAAACMAA GA

ug179rcon Length: 458 March 29, 1996 7:10 PM Check: 6778 ..

1 GGAATTCTAA TCATATGTCA GAGAAATAGT AACTTCACCA TAAGTGATAG
51 TGAAATGAGG AACTGTGAGC TATAAAGAAG TTATGTTAAT GTGTGAGATG
101 TCTTTTCAAA AATAAAGTTG TACTATGGAC AAATACTATG TGAAACTTAT
151 TTATTTGTAAT TTTTTCTAGT ATTTATAATT ATTTTATACA ACTTTTATGT
201 GTTTTTGCTT TTCACTTGAC AACTAGGCAA TAATCTTGCA ACTTTCTTCC
251 AGGTCACTTA GATATGTTCA GTACATTACG TTCCCTCTAGC TTGTACAGGC
301 AACATCCAAA AACTCTTCGA AGCATTTGTT CAGATCTTCA GTATTTTCCA
351 GGTACAAACA AGTGTATTAT TTATTTGTA AAACATAGTT ATATTTAGTA
401 AGACTTGTTC TNMSCMGDDG GTGGTAATTG AAGTACCTTA TTCCYTGGTA
451 TATTAAGT

ug180rcon Length: 319 March 29, 1996 7:11 PM Check: 4599 ..

1 GGAATTCACTT CAAACACTGA AAACCAAATT TTATAAACAA CCATCAAATC
51 TATGCAGTTT GCAGATTTTC CTCCCCCTCCT TGAAAATAATT TCAGAAGCAT
101 ACACAGAGGG GTCCCTACAC TAAGAAGGCA CCAGGGCCCC AGTTTATTCC
151 AGTTTATGGC CTTTTCTGT GTCCGAGGGC AGCCTTATCA GCAGGCATAG
201 ACTGGTCAAA CTAGCCCCGG AAAGMCTGCT TTATGAACCTT CAATGACGAT
251 YCCATCCTCA AAAANGCCTA ATCAACYACC GTCTCCATTC TTTTCCMACA
301 CTGACTAGTT AAACTTATT

ug181rcon Length: 221 March 29, 1996 7:11 PM Check: 6478 ..

1 GGAATTCCAG GCTCGAGCGG CCGTATACTA TTATATWAAT CAAAACATTT
51 ATCCTACTAA AAGTATTGGA GAAAGAAATT CGTACATCTA WGGAGCTATA
101 GAACTAGTTA CCGCAAGGG AAGATGAAAG ACTAATTWAA AGTAAGAAC
151 AGCAAAGATT AACCTTGTA CTTTTGCATA AWGRACTTAA CTHAGAAAAC
201 CTTCTTAACT AAARGAATTAC

ug182 Length: 285 June 11, 1996 2:20 PM Check: 6816 ..

1 GAATTHGGCA TAAATCAAAG GGGGTGAAAT TAAAGCAATC CTTTCTGTTA
51 TTTCTCACAA GTGGCAGATC TGTATTTGT TTATAGAAGA CTGTAGATCC
101 TTTTAAATGA CAGACAGAAT TCTTAARRA TTTTAAGGCA TGGAGAGGTA
151 AATGACAGGT TTGTACATGG AGTAAATAAG GTATCAAAAG TAGAAATATT
201 AAATTATGGG AGTGGAGAGA GAGAGAGAGA GAGAGAGAGA GAGAGAGAGG
251 AGAGATCGAC AGAGAGAATA CAACGTTGG TTAGT

ug183rcon Length: 473 March 29, 1996 7:11 PM Check: 2807 ..

1 GGAATTCGTG ACCTCACTGC TTAGTTCCCTG GAAAGCTTGG GACAGACAGG
51 GGCCTTGGCT AGACTGTCCC CAACACCCAC TCCCTGCCAT GCTCAGTGT
101 GGGCTTGGGT TTCACCACTG GGGCAGCAAG GCAGGCCAGC GGGGCCTCTC
151 TGGGCTCTGG AAACAAGCTC TGCCACATAG CTCTGGGCAC AGTCCATCCC
201 CTGGGGCCTG AAGGAGGTCA CCGGGAGGTG ATCTTTTCC ACCTCTGATT
251 GAGCAAGACA AGGCCACTGG GGACAACTGA ACAGCACAGC CAAACTTTGA
301 AACAGAGAGA CAGGCCAGG CAAAGTGCC ACCCTGCC CACTCTTYCT
351 GCGTTCBABN CCAGTCTCCC TGGGGGAGTC AGTGACGGGA TCTGGGGAT
401 GTTCCCTCTCC AGATCTGTTM ACTGGCCTTT TAGAAATGCC TCCTGGGGAT
451 TGTGAATTAG TAGAGCAGTT TGT

ug184rcon Length: 342 March 29, 1996 7:11 PM Check: 2184 ..

1 GGAATTCAATA AGAATGACCA AATAAAATTT TGGGAGCAAT AAATGTAGGA
51 GAAAAATCTT TGGTGGGGGG TTTGGGAAAG CTTAACTTTT TAAAGGATAA
101 TGTCTTTTTA AAAAGAACAT CTCTGGCTCT GACTGTTGAA AATACTTAAG
151 ATATACATAC CAGTTTTATT TGCCTTAAAA TCAAACAGAG AAGCAATGCT
201 TTAACAGATA AAAACAGAAG GTCAAACTAG GGCTAGAGCC TGTTAGGGAA
251 AGRAGAAAAG GCTAACCTAG KGGACTCAGT GGTGTTAACT GAAGATAGCT
301 ACCACATGCA AGATGTWCAC GGGCAGAGAG TTTATCCTGA AA

ug185 Length: 89 July 18, 1996 12:14 PM Check: 4996 ..

1 GAATTCGCGC GCTGTSTTCC CGCTCGCGTC AGGGACCTGC CCGACTCAGC
51 GGCGGCCATG GCATCAGATG AAGGCAAGCT TTTKGTGGG

ug185rcon Length: 283 March 29, 1996 7:11 PM Check: 1649 ..

1 GGAATTCTCT CCATTACTTA CTTGTCTCTT CTTAGTGAGT GGTAACCGWT
51 GAGTCTCTAA GAGSTCTGGG GTCATCTCAG GAGTGCTATG CTCAGCTTAT
101 GCATTATGGC ACCCGGCAGG GGTCAATTG GGCATGGTCT GCTCCCCAGA
151 TCAGTGTGAG CACCAGACTG GTGATCATCT CAGGCTCCCT CCCTCTTGGG
201 AGCCCCATAG CACCTGGTGG TTGTCTCARG GTCTTCTGTC TTGGAHTCHM
251 TYCCACACAG CCTGTGGTCC TAGGCAGGAT TCC

ug186rcon Length: 259 March 29, 1996 7:11 PM Check: 5281 ..

1 GGAATTTCGGG AATCCTTACC ATCACACAAA ACTTACATCA GTGCTGTGAA
51 ATGTAACAGA AAATCTGGGG ATGCCCTGACT TTKGTTATTT CCCTGGTATT
101 TTATTAAGCT TGAGTATGGT TAATATTTAT GCTGGCGTTG CATTAATCTC
151 AAAAGATTAG CACCTATATT CCATGGATT TCCTCGHGCCT TAGTCCAAT
201 ATTTTTAACC NGGGCATGGC AGTACACCAC CTAAAHCCC AGCACCTGAG
251 GGAGGCAGA

ug187rcon Length: 390 March 29, 1996 7:11 PM Check: 4108 ..

1 GGAATTCCCA GACTGAGGAA GACCCGGAAA CTCCGGGCC ACGTGAGCCA
51 CGGCCACNGC CGCATCGGTAA AGCACCGCAA GCACCCAGGC NGCCGCGGGGA
101 ATGCTGGAGG CATGCACCAC CACAGGATCA ACTTTGACAA ATATCACCCA
151 GGTTACTTTG GGAAAGTTGG TATGCNGCAT TACCACTTGA AGAGGAACCA
201 GAGCTTCTGC CCAACAGTCA ACCTGGATAA ACTGTGGACA TTGGTCAGCG
251 AGCAGACACG GGTCAATGGG GCAAAAAACA AGACTGGNGT NNMTCCCATIC
301 ATTGATGTTG TTGATTCAGG CTACTACAAA GTTCTGGGCA AGGAAAVVT
351 CCCTAAAGCA ACCTGTCACTC GTGAAGCCAA ATTCTTCAGC

ug188rcon Length: 415 March 29, 1996 7:11 PM Check: 7086 ..

1 GGAATTCGGA GAACTTCACT TCAATCAGCT TCCGAGGGTT TAGGGATCGA
51 TGCCAGTACC TGCAGGTGCC CACAGGCTTT GGCAACACCA CTCCGGCAGT
101 GTAAACAGCT TGGAAAATGC CCTCCAGGTG GACCCGCCGG GTGATCTCTC
151 GGATCAAAAC TGGAGCCACC CTCTTAGAGC GCAGCTTCTT GTGGACACAC
201 AGGAAGTTGA TCTCCACCAT CTTCTTCTCT GTGTCATAGA TGTGGATGTT
251 TGCTGGGATG GCACTGATGA ACCCAACCAG TTTCCGACTT GAGACCACTC
301 GGACCCCCACA GTGCCACTGT GGGAGCCAAC CTGGTKGCCB GAGAGCCCCAC
351 AAGAGARACT TCTDGGGRAA TAGTCGAATC GGAACATATK GTCATCATCT
401 TCCACGGTAG TTTCT

ug189rcon Length: 273 March 29, 1996 7:11 PM Check: 472 ..

1 GGAATTCTTT TCTATTAACG ATTTCAATCT TCATGAAGAC AAAGGGACAA
51 TAAGAGATGT CATGACCCCCA ACACCTAGGG TAAGCAATTT TTGTKGCATT
101 TGTTATTAGC TGTTCTTGAA TTAGCTTATT CAAATTTCT TACAGGAGCC
151 AAAAAGGAGG GAGAGACACC CAATTTGAWT ATTTAAAAAT TTAAACAAAG
201 AAGTAAACAA ACCYGTAAAA AKGTTTCACA TAGCACAGTT TGGGGAGGGA
251 GAACAAATCA TTTTCTGVCC TTC

ug190rcon Length: 230 March 29, 1996 7:11 PM Check: 5671 ..

1 GGAATTCCCC GGCTCGAGCN NGCCGCTTTT TTTTTTTTTT TTAAAGCAA
51 ATCTTGGAAT ATTCTTCCCA TATCATATAT TTTATTAGAC AATATTATGA
101 TTTTTGTCTG GTCTTTAATA CCCAAAGGGA TGGCTGTCCA CTAACCTAAA
151 ACCACCAAGKT CCTTCACTAC CTACAACAGT TTAGRATCAG KTTTAAAACC
201 CCTTTCTCAT CAAGRGGCAG GACAATTAA

ug191rcon Length: 359 March 29, 1996 7:10 PM Check: 8692 ..

1 GGAATTCTTT TTTTTTTTTT TTTAAATTC AGACAACCAA GTTCATTGGA
51 AGTGTATGTA AAATAGAAGG TAACCTTCCT GCAGGAGAAC CAAGGGGCTC
101 TCCTGTGAGG TAGTGCCACG TTATGAAAAC TATGAAAAC GAAAAGTATC
151 CTCCCTTTG CAAAGGTTCT AAGCTGTGTT ACAGATACTT ACAAGAGGTT
201 TAAGATGTGA GTGAACGTGT CCCTATTGTG TTCTCATTAA TAGCCTTTTC
251 TATGAACTGG TGATGTTTG AAGTATGAGT TTATGAAGTC TCTTTGTGAA
301 CCTGGACTTT TATTTCTAAA GTTTGAACYK GTGTGACACT AGAGKTTACC
351 TGAATACAA

ug192rcon Length: 362 March 29, 1996 7:10 PM Check: 1959 ..

1 GGAATTCCCC GAATTGTAAA TAACTTCATA TTGGGATCTG CATTAGGTGG
51 AGGGCTTCCTC TGCAGTTCTA TTCTTGCACC AGACTGTTGG CTTATGCTTT
101 TTATGGTTTC ACCTCCCTTT TYCAATGATC AGTCCAGTTT TCCCAGTTGG
151 CACAATGAAA TTAAACTCCT GGNGTCCACC CGGGGGCCCC ATATTCCAGT
201 TTCCTTGACC TCTACCTCGT CCTCGACCAC CAGGTCCCGG TCCACCAGGA
251 TTGCCAGCCT GAACACTTCG TAGAAGGTCT GTGATTATTT CTGCAGCGTG
301 CTGACACCTG TYTGGAGGTC CTGTTTATCT GTGCCATWCC TAWTCAGGTG
351 TTGTTCCATC AT

ug193 Length: 217 June 11, 1996 2:20 PM Check: 3226 ..

1 GCGGTTAGGC GAGCAGCGCC TGCCTGAAGC TGCGGGCATT CCCGATCAGA
51 AATGAGCGCC AGTCGTCGTC GGCTCTCGGC ACCGAATGCG TATGATTCTC
101 CGCCAGCATG GCTTCGGCCA GTGCGTCGAG CMGCSCCCGC TTGTTCTGA
151 AGTGCCAGTA AAGCSCCGC BGCTGAACCC CCAACCGTTC VCCAGTTGC
201 STGTSGTCAG ACCGTCT

ug194 Length: 325 June 11, 1996 2:20 PM Check: 8725 ..

1 GAATCCGCGG GGACCAGCCC GGCAGAATGG CTCCCGCAAA GAAGGGTGGC
51 GAGAAGAAGA AGGGCCGTCT GCCATCAACG AGGTGGTGAC CCGAGAATAAC
101 ACCATCAACA TTTCACAAGCG CATCCATGGA GTGGGCTTCA AGAACGCGTGC
151 TCCTCGGGCA CTCAAAGAAA TTCGGAAGTT TGCCATGAAG GAAATGGGGA
201 CACCAGATGT RCGCATTGAC ACCAGGCTCA ATAAAGCCGT CTGGGCCAAG
251 GGAATAAGGA ACGTTCCATA TCGCATCCGA GTACVCTTGT CCAGAAAACY
301 GTAATGAGGA TGAGGATCCC CAAAC

ug195 Length: 521 April 26, 1996 3:27 PM Check: 4258 ..

1 GGAATTCCGGC CCTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTTTTTT TTTTTCCATT TTAGTGGACA TCTTTATTGT TTAATAGATC
101 ATCAATTCT GCAGACTTAC AGCTGGGATT TCATCAGATT GCCATGCTGA
151 GTCAAGAACCA GTGAGTGACG AAGCTAACCA GAGGCTACAT ACGTCAGAGA
201 GAGAGCTCAG CCTTTACAGC TCACTTCCTT TCTCAGGCAG AATATAAAATA
251 GACGCCCTCT ACAATGCACA ATGGTTTAG TCACTAAGGA ATTTAAATGG
301 GATCTTGAAG AACACAGACA AATCCTGATG CAGTAAAGAC GAGCTGAGAT
351 GCTGTGCAAC TGTTAAGGG TTCCTGGTGC CACATCTCAG CCACTAGCTG
401 AATCTTGCAC TAACACAAA TGGAGAWGTG GAAAACACTA GGTTGACTTA
451 GGAGCACAGG AACCAAAGGC GGGAAAGAAA ATACTAAACA TTGCTGAGAG
501 CATCCACCCCC AGGAAGGACT T

ug196 Length: 301 June 11, 1996 2:20 PM Check: 9802 ..

1 GAATTCTGCTA TGAGAAAGGTG GCGAGACTGC AGAAGGTGGA GACAGAAATC
51 CAACGGGTCT CAGAGGCTTA TGAGAACCTG GTGAAGTCAT CTTCCAAAAG
101 AGAGGCTCTG GAGAAAGCCA TGAGGAACAA GCTGGAGGGC GAGATTAGAA
151 GGATGCATGA CTTCAACAGA GATCTGAGAG ACCGTCTAGA GACTGCCAAC
201 AAGCAGCTGG CAGAGAAGGA GTRCGAGGRR TCCGAGGACA CCAGGAAGAC
251 CATCTSGSAG CTCTTGCCA AACATAAAGA AARCCAGCGG GAGAAGGAGA
301 A

ug197 Length: 483 June 11, 1996 2:20 PM Check: 5286 ..

1 GAATTCAAAC ACCACTACAA AAGACACTCT ATCAAAATCA GAGTAAGAAA
51 AATATGAAAAA CTTTCTTGCT TTCTGATTAT CTTACGTGGA ACCGGAAGGA
101 AAAGCTAGTG AGAGGATATC AAGTCACTTC TAACAACCAC AGAGTTATAA
151 ACCTATCTGG TGTTGAAAAT CAACATGAAA ACGAACCAAGT CACTTTGACT
201 AAATATAAAGG CTGTTGTTA CATGCCTTAA GGAACCACTG CCATGTTCAA
251 CATGTGGCAA AAAGACAGGG CATGTTGGA ATTCACTTT AAAACATCCT
301 GTCTGAATGT ACCTTACTCC GAACTAAGTC ACATTTCTA GAGGTCCCCT
351 GAGAAGAAAG TWAAGGATAT CGGTACATTA CTCTAACAAA AACTTCAGTT
401 AAGCATTACC GTGGCTGTTG ACTGCTAATA ACTAGAGRGG CATGTTAACG
451 TAGGGAAGCT AAGGTCAAGCA CGACGTCTGT AAA

TOMONE 2000-06-11

ug198 Length: 469 June 11, 1996 2:20 PM Check: 1505 ..

1 GAATTCAAGG TTTTGGATAC CAAAAACTAC AAGCAGACTT CCGTGTAGAT
51 ATGTTGATGA AGATCCTGAC TCTCTAGGAT TGTACTTTGT GCTTCAACTA
101 TTCAAGGCAT AGCATGAATG GACGTCCATC TTACAAAATA ACCTGTGTGA
151 AGATGAATGA TTTCGGCTGA AGCAGGGAAAG TTGATCAGTA TTGATTTGTC
201 TGCTCTCACCA AAGTCTGAA CAGCAATGAT ACGCCCAGTT TTCTGCCTTA
251 AGTGGTTGTT TTCCCTTGTA GCATTGTACT GAACTAGATT AAGAGGACAA
301 AATTAATGAA TAAGGTGTT CHTGAACCTTC TGTACGCCT GTCTACTCAA
351 CATTATCCAT ATGATTCTTA CCTGATCCAT GCATTTATTT ATAGTTACTA
401 ACAAAATGTGA AAWTACTGAT CCTTTGCTCT GAACTTGACA TCCAGAHCYC
451 AGATTTCTCA TTTATTAC

ug199 Length: 229 June 11, 1996 2:20 PM Check: 1055 ..

1 GCTGGCGCGG ATTCTTAHT CACTGATAAG TTGGCTGGAC AATATTATGT
51 TTATCAGTGA TAAAGTGTCA AGCATGACAA AGTTGCAGCC GAATACAGTG
101 ATCCGTGCCG CCCTGGACCT GTTGAACGAG GTCGGCGTAG ACGGTCTGAC
151 GACACGCAAA CTGGCGGAAC GGTTGGGGGG TTCAGCAGCC GGCCGCCTT
201 ACTGGCACCT TCMAGGAACA AGCGGGCGC

ug200 Length: 477 April 12, 1996 12:01 PM Check: 6731 ..

1 GGAATTCGGC AAACGCTCAA CTACTGAGCT ACAGTCTGAG CTCAGTATAA
51 TTTTAAGGA TTTTACCAAT GCTTAAATGC TGTTGCTTGA TGTTACTACT
101 TATCCTGGTA TAGATGGTGA AAATTTTCAG ATATGTGGAT TTTTATCATT
151 AACATGGAAA AAGAAAATTA GTTTAAAAAA GTTATGGATG TGTCTGTGTA
201 GCAGGTGCAT GCATTGCCTA TGGAGTHCAG ATGTGGGTAT CAAAGTCTCT
251 GTAAGTGGAG TTACAGATTG TTGTGAAC TG TCATGAGAAT ACTTGGAACT
301 GACACTGGGC CCTGGGAAGA GCAAGCAGTA CTCTTCACTG CTGAGCCATT
351 TCTCCAGACA GCAACATCCT AAACMGGTAT TCTGGAATCC CACACCCCTA
401 GTCATATTTT CAGTAGGCT AAAAGATTCA CTCATACTTT CTCCCTTTAT
451 ACAGGAATCT GTGTATCTCT GTACAGA

ug201 Length: 535 April 12, 1996 12:01 PM Check: 8162 ..

1 GGAATTCATC CTTTCAAATT ATAATCATTG TGATAGAGGT ATTTTAATAT
51 ACATGCTTTT AAAAACAAAA CAAAAAAACTA CTGTCAGTAT GAATACTGAG
101 CCAGACTGGC ATATATAGAT TTAACATCTT GTCCTACTAA GATTCTTAAC
151 TGTATAAAAA TAATATGGCT TTTAGACATA TAGGATACTA ATTTCAATGA
201 GACCCTTATC TCTTATTGAG ACATTATGTT AGGGACAGTA AAAGCCATGC
251 ACTTACCTGC TACCCATTGG AAAATAAAAC GACTGTCCCC AACCTAAGTA
301 AGTATGAAAA TTAGGCTAGC CTTATTTCAT CTTAACTAC TAAAAGTAAG
351 TCTATAGAAC TTAAAATTAA AGCACTATTAA GTTGTATGG CTATATTTTA
401 TTTTCCAAAA ATTAAGTTAA AAGTCATTAA TGTCAATTGAT TATATACATG
451 TATGTTTTTC TAATAATTAA AATACCTTTC AAATCCATGG AATGTCTGGC
501 TTTTAAATGT AATTTGACCT TTYCGCCYTG ATTTT

20200412 2624660

ug202 Length: 364 April 12, 1996 12:01 PM Check: 971 ..

1 GGAATTCTTC TGGTCATGGG CAACATTATC AACTGGTCGC TGGCTGCATA
51 CGGACTCATC ATGCGCCCCA ATGACTTTGC TTCCCTACTTG CTGGCAATTG
101 GCATCTGCAA CCTGCTGCTT TATTTCGCCT TCTACATCAT CATGAAGCTC
151 CGGAGCGCGA GAGGATCAAG CTCATCCCTC TGCTCTGCAT CGTCTGCACC
201 TCCGTGGTCT GGGGCTTCGC GCTCTTCTTC TTCTTCCAGG GACTGAGCAC
251 GTGGCAGAAA ACCCCCAG AGTCCAGGGA GCACAACCGC GACTGCATTY
301 CTYCTCGACT TCTTGATGA CCACGATATC TGGCACTTCC TGTCCCTCCAT
351 TGCCATGTTT GGGT

ug203 Length: 600 April 12, 1996 12:01 PM Check: 3974 ..

1 GGAATTCCAC ACATGCACCT ACTCATGCAT GCATGCACAA ACACATTACT
51 ACTGATACAG ATGTCAGTAT TCCCAGAAAG AGAGTTCAAA AGATATTATG
101 ACTGTATTCC ACGTATTCAA AAATATCACT TGAATAAGAC TAAAATTAAG
151 CTTATAGCAA AAAACTACAC ATAGTGTAAAC AGGAAGAATA CAAGAAGTTG
201 ACAGCAGGCT ATACTATGTC ACAGGTTGGT GACCATGGAG ACAGTGACTG
251 CTCAGCAGTA GGAAGTGTGC TGAGTGAATC ACTGAGACAA ACTTCTTTT
301 AATGGGCAGA ACATCCGTGA ACTTCCTTTA ACCAAATAAT ATATAGTTGG
351 AAAAGTCAAA GAAAAAAGAA TACCTAGAAA AGTAATATCT GAAAATTTC
401 CAAATTTGT ACAAAACCATG AATCCATATA TTCAAGCACA AGAATCAAAG
451 AAAGAATTAC ATTAAAGATT CTAAAAGATG ATTAGAAAGA GAAAATTATA
501 AATAGTTATG TGTTATTTAA AAAAAAAAAT CTATGACGAC TAAGGCTGGT
551 GGTATATAACC TTCACTCCTT GAACTCAGGA AGCCBAGGCA GGTARGGTGT

ug204 Length: 325 April 12, 1996 12:01 PM Check: 9347 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAAGT GTCAAGCATG ACAAAAGTTGC AGCCGAATAAC AGTGATCCGT
101 GCGCCCTGGA CCTGTTGAAC GAGGTCGGCG TAGACGGTCT GACGACACCGC
151 AAACTGGCGG AACGGTTGGV GGTTCAAGCAG CCGGCCTTTA CTGGCCTTCA
201 GGAACAAGCG GCCTGCTCGA CGCACTGGCC GAAGCCATGC TGGCGGAGAA
251 TCATACGCAT TCVGTGCCGA GAGCCGACGA CGACTDGCGC TCATTTCTGA
301 WCGGGGAATCC CGCACYTTCA GGCAG

ug205 Length: 239 April 12, 1996 12:01 PM Check: 9400

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1 GGAATTCTGTA AGAACAAAGCA AAGATTTAAC CTTGTACCTT TTGCATAATG  
51 AACTAACTAG AAAACTTCTA ACTAAAAGAA TTACAGCTAG AAAMCCCGAA  
101 RMCAAACDAG CTACCTAAAA ACAATTTTAT GAATCAACTC GTCTATGTGG  
151 CAAAATAGTG AGAAGATTTT TAGGTAGAGG TGAAAARCCCT AACAGCTTGG  
201 TGATAGCTGG TTACCCCAACM TGAATTTAAR TTCAATTTTT
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ug206 Length: 377 April 12, 1996 12:01 PM Check: 6907

1 GGAATTCGTC TTGTCTGGAC AAAATGGTT GGTTTAAAG GCCAAAGAAA
51 GTGCTGGTAG AAATGAGAGT ACTAATTAGC CTCCAAAAAG AGACTGTTCT
101 CATTGTCTTT GTACCTCAGC CATAGCCTGG TGCACGGGC ACATGGTCAG
151 TGTCTCAGAA AATGTTGTT GAATGAATGT TGTTTGTGTTG TTTGTTGTT
201 TGTTTGAATT CTGGAAATTAA TTTGTTGAAC ACAAAAGACAC CCAGCACCTA
251 CTGGGTGCTC ACTGTTGTGA GAGACTAGGG CTGGHHVCTG GGCAGTAGGG
301 ACAGCCTCAT TGGCTAATTAA AGGATTTTTTG TGCAATTCCV GGCGATTAC
351 AAGGCACTTT CTGTGAGTTT ATGTTAGT

ug207 Length: 452 April 12, 1996 12:01 PM Check: 8076 ..

1 GGAATTCCCC TAATCTCCAT TAACGAAAAT GACCCAGACC TCATAAACCC
51 AATCAAACBC CTAGCATTG GAAGCATCTT TGCAGGGATTT GTCATCTCAT
101 ATAATATTCC ACCAACCGC ATTCCAGTCC TCACAATACC ATGATTTTA
151 AAAACCACAG CCCTAATTAT TTCAGTATTA GGATTCCCTAA TCGCACTAGA
201 ACTAAACAAAC CTAACCATAA AACTATCAAT AAATAAAGCA AATCCATATT
251 CATCCTTCCTC AACTTTACTG GGGTTTTCC CATCTATTAT TCACCGCATT
301 ACACCCATAAA AATCTCTCAA CCTAAGCCTA AAAACATCCC TAACTCTCCT
351 AGACTTGATC TGGTTAGAAA AAACCATCCC AAAATCACCT CAWCTCYTTC
401 ACACAAACAT WAACCACTTT AACAAACCAAC CAAAAAGGCT TAATTAAATT
451 GT

ug208 Length: 499 April 12, 1996 12:01 PM Check: 6029 ..

1 GGAATTGAA AAAACAAAAA AATTCTGCAT GCTCAGATGC ACAGACTAAG
51 ACTGGGTAAAC ATAAGCCATG CAATTGCCAA CGTGCTACCA TAATATATAG
101 TATAGTGAGT ATTGTCATCA CATGACAGTA TTCAGTGCAA TAGTTATGTA
151 AGATTTACTG AATTGTAAG AATTGGAATG CATATAGGAT ATATTTGATC
201 AGTTTTCTTA CATTAGCAT ATTTATATTA CCCATCTTAT TTGTGTTATC
251 TCTAATGTTT CATTATGGCT CGAGCCTTAT AAATTAATGT CACTCACAAA
301 TTCTTATTAG GGAAAATAGC CGTATGCTAC CTGCTAATAC TTACCAAATT
351 AGTATCTTAC TTCAAAAGAT GTTTTGCTAA AATTITAATA AGGAAATAGC
401 ATGCTATATT TTCTAATTAA ATTATATGTA GAACAAAGTCA ACATAATTAA
451 TATGARTTTA AATCTCCAGA TACTTCAGAA ATTGGTGCTT GTACACGTC

ug209 Length: 399 April 12, 1996 12:01 PM Check: 1440 ..

1 GGAATTCAGC AGAGCACACT CCCAAGTGCA CAGATTAAAC ACAGTAGCGA
51 CTATTTGCAT TTACAGGACT TTTCAACAAT CTGAAAAAAG ATCAACTGTT
101 GAAGATCTGT AGGTATGTTA CAAAAACCAC TGGAGTTCTT GTACAACAGT
151 ATGCCGTTCTC AGCAAAACCA ACACCAGGAG ATCCGCATGG CAACTGAGTA
201 ACCGATCCAC TCCCGCCAAC CCAGGGGCAG GTCTCCGTGA GCTCTAAGCT
251 GTCTTATACA AAAGTTAAGG CAAAGTCATT TTCAAGTTA AATAAAATTC
301 AAGTCTTTAA ATATTGGAT GGAAATAATT TTTTYCCTT AGAAAAAAA
351 AAAGRRAAAA GAAACCAAAA CAACCTTCAG TCTCATTAAA WAGCATTAA

ug210 Length: 183 April 26, 1996 3:27 PM Check: 8022 ..

1 GGAATTCGTT TTATCTTAAA ATCATATGTT TAAGGCAGTA AGACACTAAA
51 CCAAAACAAA AAACAAAAAA CAGGGACATT TTAACAACTC AACTCCCATT
101 GTTCTCTGTG GCATTATTTC AGCAAGCACA TGGAAATAGC AAAMGAGAAT
151 CTACAATAGC TGTCCCAAAT GCAATTACAC ATG

ug210 Length: 396 May 30, 1996 10:48 AM Check: 3334 ..

1 GAATTCGTT TATCTTAAAA TCATATGTTT AAGGCAGTAA GACACTAAC
51 CAAACAAAA AACAAAAAAC ARRRACATT TAACAACTCA ACTCCCATTG
101 TTCTCTGTGG CATTATTCC AGCRAGCACA GGAAATAGCA AAGAGAATCT
151 ACAATGCTGT CCCAAAGCAA TTACACRTGG AAAGWTTACC AATGCAGGGC
201 TGGGTTTGA AAGCCAAAGT GTTAGTGMAG AWACAGAGCT TGACACCTAG
251 CAAGRAGARA CGAGTTGGA GCSTTGGTGC TCAAGTMTTG AAAGATTGAA
301 MTMTTTGAAG TMGTTCATTA GTCATCAAAG GTCACTATGM AATAGTTGCR
351 ACTTTAGGTG TAAATCTGTG TGGGGAGTTT TTATAGCCTT TGGCAG

TODD 200 "X624660

ug211 Length: 407 April 12, 1996 12:01 PM Check: 5822 ..

1 GGAATTCCCC CCTTTTACCA GTGGATGGAC ACAGAGAACT TCGTGTTGCC
51 TGATGACGAT CGCCGTGGCA TCCAGCAACT TTATGGAAGC AAGTCAGGGT
101 CACCCACAAA GATGCCCT CAACCCAGAA CTACCTCTCG GCCCTCTGTC
151 CCAGATAAGC CCAAAAACCC CGCCTATGGG CCCAACATCT GTGACGGGAA
201 CTTTGACACC GTGGCCATGC TCCGAGGAGA GATGTTGTC TTCAAGGAGC
251 GATGGTTCTG GCGGGTGAGG AATAACCAAG TGATGGATGG ATACCCAATG
301 CCCATTGGCC AATTCTGGAG GGGCCTCCTG CATCCATCAA TACTGCCTAC
351 GAAAGGAAGV MHCAAATTG TCTTCITCAA AGGAGATAAS ACTGGGTGTT
401 TGACGAA

ug212 Length: 354 April 12, 1996 12:01 PM Check: 9841 ..

1 GGAATTCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTAA
51 TCATTAAGGT AATTTTATTA ATATAGATAT CTGCAGATCA AGTGAATGGT
101 ACTAATGAAT AGTTTGTTG ACCTCACCCCT CTCAATGTATA ACACIGAAGA
151 TTCTTCCACT CCATGTTCAC TCCAGACTCT CAGTTTAAA GCAAGCATCA
201 CAGAATACCA GGCTCTTACA GTGATCGGGA GCYAGAGCTC TTACACAAAG
251 CCATACTCCA CMHGCTGACA GTTTCTTTAG TAATACATAT AGTACTATCA
301 GATAACTCAT TCCAACAACA AAAAATTAAH CATTATGTCA ACCAATTGCB
351 CCAT

ug213 Length: 575 April 12, 1996 12:01 PM Check: 2390 ..

1 GGAATTCAAGC AGAGCACACT CCCAAGTGCA CAGATTTAAC ACAGTAGCGA
51 CTATTTGCAT TTACAGGACT TTTCAACAAT CTGAAAAAAG ATCAACTGTT
101 GAAGATCTGT AGGTATGTTA CAAAAACCAC TGGAGTTCTT GTACAACAGT
151 ATGCCGTTCTC AGCAAAACCA ACACCAGGAG ATCCGCATGG CAACTGAGTA
201 ACCGATCCAC TCCCGCCAAC CCAGGGGCAG GTCTCCGTGA GCTCTAAGCT
251 GTCTTATACA AAAGTTAAGG CAAAGTCATT TTCAAGTTA AATAAAATTTC
301 AAGTCTTTAA ATATTGGATG GAAATAATT TTTTCCTTAG AAAAAAAAAA
351 AGAAAAAAAGA AACCAAAACA ACCTTCAGTC TCATTAATAA GCATTTGTG
401 GAATAAGCTG TATGGTTACA TATAGCAGGA AATAGTTAA TGTCTGCTGC
451 TTAGAATACT TAAAGAAAAA TCTTAGGCCTT TTTAAAACAA AATAATTAT
501 CTGTAACCTT ATTATGAACT TGCTAACCTG ACTGCACTCT CGCTCCTCAG
551 AAGTGCCGCT TCTGACAATC TAGGA

ug214 Length: 588 April 12, 1996 12:01 PM Check: 9893 ..

1 GGAATTCCCG GCTCGAGCGC CGCTTTTTTT TTTTTTTTTA AATGCCATAG
51 CAGTAGTAGT TGGGTCIGGT GGTGGCACAC ACTTTTAATT CCAGCGCTTG
101 AAAGGCAGAG ACAGGAGGAT CTCTTGAGTT TAAGGCTAGT CTGGTCTATA
151 GCCCTGCAAG GACTTGAGGG GAAATAAAAG GTCACTACAA GCCATTTCTT
201 ATTTTAACCA ATAGCATTAA ATTGTGCCTA TAGTGATTCT TAGTTGAGAC
251 ATTGTTCAAGA ATGACTTCAT TCTGTATGCT TTTGCCTATG TCTGTGTTGT
301 ATGCATTAAA TATTTTGAGT GACAATCTTT TAGTAATTAT ATTTTTTCCA
351 CAGAATAATA AAATATAGGA ATCTTAAGCA GTGTATGTAA CAATATTTTC
401 CTTGACGTAG ACAGCACATA CTTTTAAAAT ACAACTTAGG CAAGCAAACA
451 CTTTTGTACT TAATAATTAA ATGAATAGAA GTTAGTTTIG TTTTTAGTCT
501 TAAGGGTGAA AAGGTAACTC AGGCTTTAAA GCAAGACMGC ACCAAGTGCG
551 AGCTGTGATG TSCCAGCAGT GTAACCTCTC CCCACCCCC

ug215 Length: 205 April 26, 1996 3:27 PM Check: 9496 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAAGT GTCAAGCATG ACAAAAGTTGC AGCCGAATAC AGTGATCCGT
101 GCCCCTGGAC CTGTTGAACG AGGTGGCGT AGACGGTCTG ACGACACGCA
151 AACTGGCGGA ACGGTTGGGG GTTCAGCAGC CGGCGCTTTA CTGGCCTTCA
201 GGAAC

ug216 Length: 249 April 12, 1996 12:01 PM Check: 7220 ..

1 GGAATTTCGTC GAGCGCGCT TTTTTTTTTT TTTTTTTTTT TTTTAACATA
51 AGCAGGCATG GTGGCTCAGG CCTGTAATCC CAGAATGTGG GGCTGCAATA
101 GCATGTCACT GTGACTTTVV VCCCATTTCA AAAATCCACT TAAACCATCC
151 CCAAAACGAG TGTGAGAGAG GATTACAGAT AACTAAGTAA AAAATGTCAG
201 TGGTCACCGT TATCTATTCC TGGGTCAAGAA GCGGCATGTC CATGAAGGC

ug217 Length: 389 April 12, 1996 12:01 PM Check: 7119 ..

1 GGAATTCCAA CGGTTGAAAA CTTCTGGATT AGAGATTTAG AGCTGTGCTT
51 CTGGCAACTG TGTTCTTCCA TGGTGGACTT CCAGCTAAC AGCACTGATT
101 CTTGTCCCTG TCATGTCAGA TACTGCAGGG TACTCACTCA CCACAGTAAA
151 GTCATGCTTT CAAAACCACT CACAGCTACT CAAAGGCAAC GGCAAACAAG
201 CCCCCAAACAT CTCATGGCTA TATTAACCTG GAATTCTGTC ACGTCAGGAG
251 CATTCTTATA GACAAAACAA TGTAACACTT AGGATTTAAC AACACAGTAC
301 TGGGTGTCACG CCCAGAATCT TACCCATCAT CCCAGAAGAG ACCAGCACCA
351 AGGGTCAGAG GATGGAATT KCCATACAAG ATGAGGGAC

ug218 Length: 228 April 12, 1996 12:01 PM Check: 1011 ..

1 GGAATTCCCG ATGCTGCTTG GAAGCCTTGG CTGAAACVCT ACCACAGCCA
51 GACCTACGGC AACGGGTCCA AATGTGATCT CAACGGGAAG CCCCCGAGAAG
101 CTGAAGTTCG GTTCCTGTGT GACGAGGGTG CVGGCATATC TGGGGACTAC
151 ATTGACCGAG TAGATGAACC CGTCTCCTGC CCTACGTACT GACCATTCS
201 ACGTCAAGVC TCTGCCGCAT CCTCTCCT

ug219 Length: 429 April 12, 1996 12:01 PM Check: 2065 ..

1 GGAATTCCGC GCACACCTTT AATCTTAGCA CTTGGTAGGC AGAGGCAGGT
51 AGATTTCTAA GTTGATGCC AGCCTGATCT ACAGAGTGAG TTCCAGGACA
101 GCCAGGGCTA CACAGAGAAA CCCTGTCTCA AAAAAACAAA ACAAAAAACA
151 AAACAAAAAA AAGTATGGC AAAAGAGAAG AAAAATATCC CGGAAAGAAC
201 AATATAAAGA ATGATGTTCC CTTTGACTGA GGGGCTTTGC ATATTACAGG
251 GATAACGGCC TGAGACAGCT GCCTCAAGAC AGGGACAGCG AGCCTCCTCA
301 GAGTCCACTT GTTCCAAGTC CCAGAGTCAC CCCCTATVYC TCGATATTGT
351 ACCTTTAACCA CMKGTGTTA AATGCCAGG CATWTGACAA ACCAGGGAAA
401 TAAGTCTATA ATGAGGAAGA AATTGTTCC

ug220 Length: 493 April 12, 1996 12:01 PM Check: 5338 ..

1 GGAATTCCCT ATAATTAATT AGAGGTAAAA TTACACATGC AAACCTCCAT
51 AGACCGGTGT AAAATCCCTT AAACATTAC TTAAAATTAA AGGAGAGGGT
101 ATCAAGCACA TTAAAATAGC TTAAGACACC TTGCTAGCC ACACCCCCAC
151 GGGACTCAGC AGTGATAAAT ATTAAGCAAT AAACGAAAGT TTGACTAAGT
201 TATAACCTCTT AGGGTTGGTA AATTCGTGC CAGCCACCGC GGTACATACGA
251 TTAACCCAAA CTAATTATCT TCGGCGTAAA ACGTGTCAAC TATAAATAAA
301 TAAATAGAAT TAAAATCCAA CTTATATGTG AAAATTCATT GTTAGGACCT
351 AAACBCAATA ACGAAAAGTAA TTCTAGTCAT TTATAATACC CGACAGCTAA
401 GACCCAAACT GGGATTAGAT ACCCCACTAT GCTTAGCCAT AAACCTAAAT
451 AATTAAATTT AGCRAAAACT ATTTGCCMGA GAACTACTAG CCA

ug221 Length: 370 April 12, 1996 12:01 PM Check: 5472 ..

1 GGAATTCTGGA CCAACACGCA GGATTACATC TTCTTCAGTT CCTAGAGTCC
51 TCTAGAACCC TATAGAACAA GACGGCAAGC TCTCTGGGCT TGCTCTGGG
101 TTTTGTTCTG TGTTTTATGT TGTTCTTGTGTT GTTTTATTAA CATCAGTGTC
151 TCTTAAGATC CAGGACCCAG GGAGGTCTTT TCACATACAT ATACCAGGAC
201 TCTTGGGTAC TACTGTCAGT CTTGGGGAAAG CAGGCTCCTC CATCGGCAAC
251 CAAATCCATG TAGCACTCCG AAHCCTTGTT TAGTCTATG ACCTAAATAG
301 TTAAACTTCA GAAAATGGTT TCAACAGATT TCYSTCCGAG TGGTTTTGAA
351 ATTGCATTIG TATTTGCTGT

ug222 Length: 338 April 12, 1996 12:01 PM Check: 8700 ..

1 GGAATTCTGTT TTTGGTTTTG TTTTGTGTTTG TTTTGTGTTTG TTGTTTTGTT
51 TGAGAAAGGG TTTCTCTGGC TGTCTGGAA CTCACTCTGT AGACCAGGCT
101 GGCCTTGAAC TCAGAAATCC GCCTGCCTYT CCTCCCAAGT GCTGGAATTAA
151 AGCACCACCA CTGCCTGGCC TCCCTTTTTC TTCTGAAGGG TTTTCCCCTC
201 CCCTTTCCCT CCATCACCGA CTGATCTCTA GCAGCAATTTC TTCTTCCCCT
251 TTCTTCTGTT CCTCTTYGGA GAGGATCTCA CCCTTCTGAA GAAAGGAGGC
301 CTGCCTCTGC CTCCAAGTG CTGGAAAGAAT TCCACCCAC

ug223 Length: 394 April 12, 1996 12:01 PM Check: 2234 ..

1 GGAATTCTGAA GTCTGAAGGC ATTTTAGACA GGAGACTGAG AAGTACTGAA
51 GAATGGCCTA TACAGAGTTT AGAGCACTAG CSGTAGCGTA CAAGACTGCG
101 TTCRGTCTC AGCACCAAGA AATAAAGGTG TCAGTSAGAG TAGGATTATC
151 AAGCTCTTGC TCCTGACCGA GCACTTGTCC CGACCAACAC CAGTGCACAA
201 CACGTAGCTG CTGAGCCTTG TGGCTGARCC CTTCCCKKCC CCCATCCTCT
251 CCATCRCTGG ACTTGGTCTG CTTCTTGAAA GCCTGGACTT AAGTCCTACA
301 GATCCTTCTC TGTGTCAGCT TCTCTTTGTT CAGAGTGTCC TCTGTGCTTC
351 TGGCTGCCTC CGTTCCCCTC TCAATCTCCT TTCTTTCATG TTTC

ug224 Length: 442 April 12, 1996 12:01 PM Check: 7197 ..

1 GGAATTCTTA TAGACACATC ATGACAAGCA TGCCCACAGG GTACTAAGCT
51 TTTCGGCTTA TAAAAACTAG TGCCTATAAC TGTGTTGCCT GGTCCTTAGC
101 AGTCTTCTAC ATTTGTTAAT TAAGTTAATG GAAGGGATTT GCACCCAGCT
151 CAACCTCCAA ATGAAATAAT TTTGTTCACCA TATCTTAGCA GCTTCTAGCA
201 ATCGAGTCAT AGGAGTTGAT TACAGAGCAA GCGCTGTGTC TTCATCTCTG
251 TGCTTCTGCC CTTAGGTCCA AAAGAAGAGG ATGAGCGGCC TTWGGCTTCT
301 GCGCCTGADC AGCCAGCCCT TCWTMCAGAG GTGGTAACCA GGATGCAGTT
351 YCCACAGGTG GGCCATCCCT CTTCCAGCCT GCGAGTCACA GCCAGGKGCA
401 GATGGGAWAC AAGAAGTCAC AGACTGTGAG GTCAACAATA TG

ug225 Length: 341 April 12, 1996 12:01 PM Check: 5672 ..

1 GGAATTCCAA TGATTTGCA ATTACAACAA TCAGTCTTCC AATTTRRCC
51 GATGAAGGGA GGAAACTTTG GAGGCAGGAR CTCTGGACCT TATGGTGGTG
101 GAGGCCAGTA CTTTCTAAAC CACGGAACCA AGGTGGCTAT ARCRGTTCCA
151 GCAGCAGCAG TAGCTATGGC AGTGCAGGAG TTCTAATTAC ATACAGCCAG
201 GTAAGTCCTC CTTTGTGTGT GTTDCTAAA TGTTATAATT GAACCCAGTA
251 ACCCAAATGT AGCTGAGCAG TACAACATAG TTAACATTAT AATTTCAGTA
301 AAATGGTGGA TGTTAACGTTA ATATGCAGTT CCGCCAAATT T

ug226 Length: 376 April 12, 1996 12:01 PM Check: 7269 ..

1 GGAATTCTG AGCCAGAGCC AGAAGACCTC AACACTGTCT CAGAAGATGG
51 AGACGCCAGC TTAGAAGATC TGGACCCTGA AGCAGACGAA GCTCCACGAT
101 CCATCTTGGG GAAGCCAGAC TTGGATTCCC AAGATCTGGA TCCCATGTCT
151 TCGAGTTTCG ACCTCGATCC TGATCCTGAC GTGATTGGCC CGGTGCCACT
201 AGTTCTCGAC CCAAGCAATG ACACCCCCAG CCCTGCTGCT CCAGATAGTG
251 GATTCCCTTC CTTCTGGGCC TCACTGCCAC CCCCGAAAAT CTTGGGCCAC
301 CAGTCCAGCG GTGCTTCCTG CCCCTGCCAG TCCACCTCGT CCGTTCTCTT
351 GTGCTGATTG TGGCGAGCC TTCCGT

ug227 Length: 322 April 12, 1996 12:01 PM Check: 8974 ..

1 GGAATTCCCG GTCATAGGCT GGGAGGAAGC AACAGCGAAG GTCAGGAACA
51 GAGGCAAAAC ACTTTCCACG AATTCCCCTT TCATCTGCAC AGCAACAGTC
101 TACTAGCATG GAAGTCGAGG CTAGGTGCAT TCTGGTCCAT CTACAGTCCG
151 GTTACCTAGT TACTCCCTCT CCCCCGCCACA CACACACACA CAGCTGAGAT
201 GCCGGCAGGT AACTGTTCC TAAGACATAT GGGTGTCAATT TGTGCACCTC
251 AGGCTTGTCC AGGAACACCC TATGTVGGGC TAGACACATG GGGCACTCAC
301 ACTAGCAAAG GGCCTGTGAT TT

ug228 Length: 387 April 12, 1996 12:01 PM Check: 9030 ..

1 GGAATTCGAA GGACTTGCCA CATTCTTCAC ACTTGTAGGG CTTCCCTCCT
51 AAATGAATTA TCTGATGATT TTGAAATACT TCTTTCCCCA CAAAGATGTT
101 GCCACATTCT TTGCACGTAT AGCATTTC CCCTGGTGAG TAAGAGTTGA
151 GAAATGATGA AAACACTGCC AAAATCTGTA TATCTATACT GATAGTTTT
201 TAAAAACAAAC ATTTACTCCT ATTTGCATTG GTCTGTATTA ATGAGATGCT
251 ATATTCAATT TTCTGTACCT GTATTCACTG AACTACAATT TAAAACACAG
301 GATAAGTCAA AGTCACGTAG ACTCCCTTGA ACAAAAGAAGA CAATGGCMAC
351 ATAGAACAAAG GGAGGGRATA GAATATTAAA TAAAATC

ug229 Length: 103 April 26, 1996 3:27 PM Check: 2010 ..

1 GGAATTCCCG GCACAATGGA AAAGGAGATA GAAAGCRCRC ACCTCTGGGG
51 AAGAACATA ACCTCTTAAA ACAGACTAAA TVGCAGGGCC ACHCTGTGAA
101 GAT

ug230 Length: 527 April 26, 1996 3:27 PM Check: 2483 ..

1 GGAATTCCAA CTTGTATTTA AAATTCAGTG AGCATTGACT GTGTGCCTTC
51 TGTATAACAGT TAAGACCAGT TTTGGTGTGG CTGCCATGAC ACCAGAGGGG
101 GTTGGTGGCA TTGGTGGGGT GGGTGCTTAG TAATGAGGTC AGAGCGACTG
151 ATAAGGCAAA AGTAAAAGAA GCAGAACTAA GTATAGAGAA GGGGTAGGCA
201 TTCAAACCCC AGAGGACCTT GATTTAACGTC CCCATTTATA GAGAGTACCA
251 TCTTGAGAGA CCTTGCAAAG GGCTTTGTGC TGCCTTCAAA TGTTATTGTT
301 TCTCTTGTAC ACTGGATGCC CTCAGCATCC CGTTAACATTG CCAATCATGT
351 CTCTCAGCTA TGCTCATCTC AGCCCGTGG TAGATAGCCT ACCAGCTTTC
401 TTCTGTCTGG AACCTGCCTA CTGAGSTGGA CCAGTCATAC CATCCCAGTT
451 CCCACTGACT ACTACTTGCC TCTGCAGTCA CCCATGGTAG TACTTAGCAC
501 AGATCTATCT TTGTAATGTG TTTTTAA

ug231 Length: 325 April 26, 1996 3:27 PM Check: 6217 ..

1 GGCGCGGATT CTTTATCACT GATAAGTTGG TGGACATATT ATGTTTATCA
51 GTGATAAAAGT GTCAAGCATG ACAAAAGTTGC AGCCGAATAC AGTGATCCGT
101 GCGCCCTGGA CCTGTTGAAC GAGGTGGCG TAGACGGTCT GACCGACACGC
151 AAACTGGCGG AACGGTTGGG GTTCAGCAGC CGGCCCTTAC TGGCACTTCA
201 GGAACAAGCG GGCGCTGCTC GACGCACIIGG CCGAAGCCAT GCTGGCGGAG
251 AATCATAACGC ATTCTGTBCCG AGAGCCGACG ACGACTGGGC TCATTTCTGA
301 TCGGGAATCC CGCAGCTTCA GGCAG

ug232 Length: 431 June 11, 1996 2:20 PM Check: 9676 ..

1 GAATTCCCCG GCTCGAGCGG CCGTTTTTTT TTTTTTTTTT TTTTTCAAAT
51 TAATATACAT TATTTTATTA CAAATTTAAA AAAAAACAAA AAAATGCAAC
101 ATCCTAAAAA AAATTTTAC TGGTAATACA AATTCCCTATG AAGTTTTTT
151 TTTTGCTAGC ATAAGAAATT AAAGAAACCA TTAAATATTT AGAACATTC
201 AACATCAAAA GCTTTAAATC TAACTGTAGT TGTAGCCCT GAAAAAGCTA
251 CAAACTCTTC TTAAAAAGTA TTTTCTCTAC AAAGAATCTC ATCAGCTATA
301 CAAAAATCTG TACAGTTTTT ATACTGAVGC TAATGTTGAG CTGCACTTGA
351 ATTCACATT CTTAGCAAAA TAATTGCCTG AGCAAATATA CTCCACACTT
401 TAGGACAGCC ACTTATTCTT CATCCTCCTC T

ug233 Length: 419 April 26, 1996 3:27 PM Check: 4115 ..

1 GGAATTCCCCG GCTCGAGCGC CGCTTTTTTTT TTTKGGGGGG CTTACTCCAG
51 CGATGTCTAT TAGCAGAGAC ATGGGCCAGG GAAGGGTGAT GGATACAGCC
101 AGGGGTGGGA TATCAGCCTC AAAGTGCAGA GCTTTGCTCT GAATCTCAGC
151 AGGCAGCCAA AGGGACTGAG ACAAAAGCTCT TCCTTTCAAG TTGGCATGGC
201 AATCAACTTG GAAATCAGGT TCCCCGGGCC TTCCCTTCCTA ACAAAGGATC
251 CAGCCTCCTC CAACTGGTC TCCACTCAGC CCCTGTAGAA AAGTBCTGAC
301 AGTATTAAGT TCTACTCTTC CCTAAGACCC CAGGAGGTCC TCACCGTGCA
351 TAGATGTGCC ATCTGTTCTT GAGAAACCAA AGCACTTTGT AGTCTTACAA
401 CCCATAATAC TTACAGTAT

ug234 Length: 360 April 26, 1996 3:26 PM Check: 777 ..

1 GGAATTTCGCT TGACAAACCTG CAGGCAGGCT CTGGGAGGCC GAGACATCGG
51 CGAAGAGAAC AGAGAGTCGG CGGGGACAGA TCTCAAGACC AGAGAATGGC
101 AGGTGAACAG AAACCCTCAA GTAACCTCTT GGAGCAGTTC ATTTTATTAG
151 CCAAAGGTAC CAGTGGCTCA GCCCTCACCA CTCTCATAAG CCAGGTGCTA
201 GAGGCTCCTG GAGTTTATGT TTTTGGAGAA CTGCTGGAGT TGGCCAATGT
251 TCAGGAGCTT GCAGAAGGAG CTAATGCGCG TATTTGCAGT HCTGAACCTG
301 TTTGCCTATG GTACATRCCC GGATTACATA GCCAACRAGG AGAGCCTGCC
351 AGAACTGAGT

ug235 Length: 337 June 11, 1996 2:20 PM Check: 2601 ..

1 GCGKTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCGTCGTCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTYGGCCAG TGCGTCGAGC AGCGCCCGCT TGTTCCCTGAA
151 GTGCCAGTAA AGCSCCGGCT GCTGAACCCC CAACCGTTCG CCAGTTTGCG
201 TGTHGTCAGA CCGTCTACCC GACCTCGTTC AACAGGTCCA GGGCGYACGG
251 ATCACTGTAT TGGCTGCAAC TTTGTCATGC TTGACACTTT ATCACTGATA
301 AACATAATAT GTCCACCAAC TTATCAGTGA TAAAGAA

ug236 Length: 334 June 11, 1996 2:20 PM Check: 1808 ..

1 GCGGTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCGTCGTCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TGCGTCGAGC WGCGCCCGCT TGTTCCCTGAA
151 GTGCCAGTAA AGCKCCGGCT GCTGAACCCC CAACCGTTCK CCAGTTTGCT
201 GTYGTCAAGAC CGTCTCCGAC CTCGTTCAAC AGGTCCAGGK CGCACVGATC
251 ACTGTATTTCG GCHGCAACTT TGTCAATGCTT GACWCHTTAT CACTGATAAA
301 CATAATATGTT CCACCAACTT ATCAGTGATA AAGA

ug237 Length: 419 April 26, 1996 3:26 PM Check: 7846 ..

1 GGAATTCCCC GGCTCGAGCG GCCGCTTTTT TTTTTTTTTT TTTAATTTAA
51 ATAAAATACCC CGCTCCTCCC TCCACCCGCT TACGTTCTCC CTCTTCCCCG
101 AACATCCCAC CCATCCCTGG CTAGACCCTT ACCCCAGAAC TAAATAAAAT
151 GCCTGTTTTA CAGCAGACCA CACTCACTAC CAAATTCTGG GAAAACCTATA
201 AATACTGTCA CTGTCTGGGC CTCTCTGCCT TCTGACTCTG CTCCGGAGGC
251 AGCCACATTC CCTCCCTCCC GTTGACTGGG CAAGGATGGC AGAGGCCTGT
301 AGGCACTGGC CTTBGAGAGT GCAAATTAG CCTTGGGTTTC TCCACCTCCT
351 GCTCAGGAGT AGGTCAGAAC GGCCCCAGAA ATTCCCTCAG ACTAAAATAA
401 ATAGCAAAAT AAATACCCCT.

ug238 Length: 141 April 26, 1996 3:26 PM Check: 8931 ..

1 GGAATTCGCA GGTCGCCGGC GAGCCGCGTC CGGAGCCCGG CGCCGAGCVG
51 GCCTGGGGAG GCGGAGGCCA CACCCCGCBC VCGCCCAGGC BCTTCCCGCC
101 GGTGAATCAT CCCCGCAGCA GCSGCTCCCCG CAGTCCGCTG C

ug239 Length: 150 May 30, 1996 10:48 AM Check: 8405 ..

1 GGCGGATTCT TTATCACTGA TAAAGTTGGTG GACATATTAT GTTTATCAGT
51 GATAAAAGTGT CAAGCATGAC AAAGTTGCVG CCGAATACVG TGATCCSMSC
101 GCCCTGGACC TGTTGAACGA GGTCGGCGTA GACGGTCTGA CGACACGCAA

ug240 Length: 265 May 30, 1996 10:48 AM Check: 1372 ..

1 GAATACTTT ATTTAGATTT TATTCAAAAA TTAAGTTGAG AGCVMTTATT
51 TGTAASGHVG CTCTATTCC CTTGTCCITT CGTACTGGGA GAAATCGTAA
101 ATAGATAGAA ACCGACCTGG ATTVMMMC GG TCTGAACCTCA GATCACGTAG
151 GACTTTAAAM CGTTGAACAA ACGAACATT AATAGCTTCT MCACCATTGG
201 GRTGTCCTGA TCCMACATCG AGGTCGTAAM MCCTAATTGT CGATATGAMC
251 TCTTAAATAG GATTA

ug241 Length: 362 April 26, 1996 3:26 PM Check: 3805 ..

1 GGAATTCCGG AGTCTCCATG CTATGTCCCCA GGTGATTCCCT CCACAGTAAA
51 ACGGGGAGAC CTCTGGGTTG GAGAGTCAGC GCTGGTCACT CTTTCATTCA
101 TTGCAGGGAG CCTCAAGGTT AACAGAGCTG GGCTTCTGTG AGCAGCATGG
151 CCTGGAATGG GGTTTGGCAT GGTCAAGCGTA AGATGGTCGA GAAGGTGGAT
201 CTAAGGACCC TTCCTAGCAT GGGCAGGAA AATAGAGGTG GCTCCAAC TG
251 GGCCTTGAGG CCCTAGAGGG TTAAGTGCGB TCTCACAGGA ACCAAGGCCA
301 AGYCTGGGCC ACAGTTDAGA GACATTCCAC AAACCCTGAT CCAATGAWTC
351 AAGCTATAAG CC

ug242 Length: 392 April 26, 1996 3:26 PM Check: 4428 ..

1 GGAATTCCAC KACHAGGGGA CTTGTTGGTG GTCCCCCTCT ATCTGAATCT
51 CATACTCAGA CACGCTCCCCA CTGCTCCCCC GATCTGAGTG CCCCTCTTCC
101 TGCAAGCGGC TCCGAAGGGC TTTGTTGGGG GTTGTCTCCA TCCGAAGATC
151 ACTGCTGACT GGAGGCTGCC GTACCTGAGG GCAGTACGGA GGGGAGATT
201 CAACAGGATT GGTGAAGAAG CTGCCATCTT TCACCCATHC TGTTGAAATC
251 TCCCCCTCTA TCTGAATCTC ATIACCTCAGAC ACGCTCCCCAC TGCTCCCCCG
301 ATCTGAGTGC CCCTCTTCCT GCAAGCGGCT CCGAAGGGCT TTGTTGGGG
351 TTGTCCTCCAT CCGAGGATCA CTGCTGTCCG AACCTCCCCC GT

ug243 Length: 382 April 26, 1996 3:26 PM Check: 1339 ..

1 GGAATTCTGTG TGCTTTGAGC TTTACTAAAG TTTCTTAGT GAATGTGGCT
51 GCTCTTGTAT TTGGAGCATA GATATTCAAGA ATTGAGAGTT CCTCTTGGAG
101 GATTTTACCT TTGATGAGAA TGAAGTGTCC CTCCTTGTCT TTTTTGATGA
151 CTTTGGGTTG GAAGTCATC TTATCAGATA TTAGGATGGC TACTCCTGCT
201 TGTCTTCTCA TACCATTTCG TTGGAAAATT GTTTTCCAGC CTTTCATTCCT
251 GAGGTAGTGT CTATCTTTT CACTGAGATG AGTTYCTGTA AGCAGCAAA
301 TGTTGGGTCT TGTTGTGTA GCCAGTTGT TAGTCTATGT CTTTTTATG
351 GCGAGTTGAG ACCATTGATG TTAAGAGATA TA

ug244 Length: 258 April 26, 1996 3:27 PM Check: 1629

1 GGAATTCCCC TCCTTGACTT CTTCTTCAGG AGCTGGTTTC GAGGTCTCAG
51 CAGACTTGGC ATTGCCACCA GGCTTCTGGG GCTCAGCAGG TTGCKCGTTG
101 GTTACAGGTT TCAGGGACCC TGAAGGCTGT KCGTTGGCTA TGGGTTTCAG
151 GGTCTCKGCA GGCTTGGTGT TGCCCACAGG CTTCAAGGGTC TCGGTAGGCT
201 TBGCATTACC TATAGGTTTC BGGGTCTCAG CAGGCTTKGC ATTGCCTACG
251 GTTTCAAGG

ug245 Length: 643 April 26, 1996 3:27 PM Check: 7032

1 GGAATTCACTT GAGATCGTTC AGGAAACTAT GCATTTCCAA GCCATTATAT
51 AGTCTGGGCA AGATAAGTTC TTATTTCACTT TGTCTAATAC TCATGTTCAA
101 GGGAGGCCCT GGTTCACTCT GGGCGCAGGG CTCGCAGATT ACACCTTACA
151 GCCTCTCATG TTCAGATAAC TGGCAACAAA GCAATAAAAAA GCCGTCCAAC
201 TTGTCAGTGC GTAGCAGCAA AGCCCTTCAT GTGGGCAGGA CAAAGGGCTG
251 GCTCTCATTA GATGATTAGC TCATTCAAGGT CACATCTAGG TCACTTCCAC
301 CTTTGTCTGG ATTCCAAGGT TAGCCCTCAT CTAGGTGAGG GGATGGGGCC
351 CCTGTGAAGT CCTCAGAGCT CACCCTGGAG AGTTAAGATG GGCACAATGA
401 GAAACAGGAG AGCAGGGTAT GTTCCTCACC AGAGCCAGTG TTGGCACACT
451 GGCTCAATCT CAAGAGGTTTC CCCAAATGAG TCAGATTTAT AGCTGACATC
501 AAGGACAGCG TCAGAGACTC TAGTCTGTGA AATCATCACT CTCAATTGAG
551 GGAGACCAGA ACCTAGGGTA CCACCCAGGG AATGTCAATT CCGATAGACA
601 CAGGRTCGGT AGCCAGTGTG TGTAGTTAGG CTTCGGACTG TTG

ug246 Length: 424 April 26, 1996 3:27 PM Check: 8406 ..

1 GGAATTCTCG AGCGGCCGCT TTGTTTGTGTT TTCCTTGATA TTAAGTAGTG
51 ACAGTTTCT GGATGCAAAA CCACAGACGC ATCGCCTTCAT GTGCAACAGT
101 CCTGCGGGAT GATCGGCCTT CTCCAGGGGG ATGTTGGCTT CCAGGCACAT
151 TTTCACAAAG TCCTGGATAA CACTGGCTTT CTCTGTTGCGC GCAGGGACTGT
201 TGCACTGAAG CGATGCGTCT GTGGTTTGC ATCCAGAAAA CTGTCACTAC
251 TTAATATCAA GGGAAAACCA ACCAACCAAC CAAAAACCCG ACTGGAAATT
301 AAGCTGAAGA ACCTTATTCA GAGACAAAAT GGAACGATTT GTTGTAAACAG
351 CACCACCTGC TCGAAATCGT TCTAAGACTG CTTTGTACGT AAMCCCTCTG
401 GATCGAGTCA CTGAATTTGG AGGT

ug247 Length: 309 April 26, 1996 3:27 PM Check: 498 ..

1 GGAATTCCAG TGGGATTCCCT CAGCTCCATG ATGCAATGGT TATCTTTTG
51 GTAAAGAATA TTCAAGTCCT GACATCATAG TAGTAATGGA TATTACTCAT
101 GGTATGCTCT CAAGCCCAGC ATGGCACATT CTGTACCCCTC TTTATCACTG
151 AAGTAAGCAA TGGGTTAAA AATAACGTTG CTTACACACC CAGAGTACCA
201 ATGATTCAATT AACAACTGAA CAAATACTGC TCTGGACTCC AAAATTATTA
251 CAGAATTTTA TATACAGGAT TTTGAGGCAT AGGGTATTTT CCACCCCTAG
301 TAGAAGTAT

ug248 Length: 325 April 26, 1996 3:27 PM Check: 4420 ..

1 GGAATTGGT TTTTAAGGGA ATTAAGTCTA TGTTGATAGT ACAGGGGGAA
51 GAGGATATAA AAGTGAATTT ATAGTTTCC CAGACCACAA GGCATTGTTG
101 TGCCCTGGTG GCCACCTAGG TCAAGACCAG GATCTCTCTC CTGGGGAGCC
151 AACAGGAGCC TTCCAAAATT ATCAGGGAAA GAGGTTTCT GTCCTCAATC
201 CAGCTTGGGA GAGATTTGT TACTGACACA TGATCCTTC CCCACCCAGT
251 AATGAAGTGT TCTGTGTGCT AACAAATATAG GCTTAAAAAA AAAAAAAATC
301 BSGCCGCBAA TTTCCACAC ACTGG

ug249 Length: 390 April 26, 1996 3:27 PM Check: 6403 ..

1 GGAATTCACTT GAACCCATG CAATTATAAGT GGGTACTTCA ATACCCCTCT
51 CTCACCAATG GATAGGTCAT TATAACAGAA ACTAAAGAGA AAAGCAGTGA
101 AACTAATAGA TGTTATAAAC CGAACAAATC TGATATCAAT GGAATTTTC
151 ATCGAAAAC AAAAGAATAT GCCTTCTTCT CGGCACCTCT CAGAACCTTC
201 TCCAAAACGT ATCATATAAG TCAGCAGGAA GTACCAACAG GAACACCAGG
251 AGTTCTCAGC TGTCATATC TCAGGGAAAGT AAAGATCAGT GAAGATTCGA
301 AACCATTGCA CAGCTAGCTG TACCAAGCAAG ACTGCACAGC TAGCTATACC
351 AGCMAGACTA GCTCTGTCCC CACCACTCCA TGGAATCTTA

ug250 Length: 335 April 26, 1996 3:27 PM Check: 9700 ..

1 GGAATTCAAA GAGGCAAACA TAGAATCAAA CTAAGCAGTG GGTTCTTTGC
51 AAACAGTTGC CTTCATATTA CCTCAGCAGT TAAACGTTTG TGTGGAGTAC
101 TAAGGTGGTG GTGGAGTGTG CTTTGTAGTTAG TTCTTTACT GGAGTGGGCA
151 CCCCCACTTTG TCTCTCTCCT AAAGCCCTAC TCACCTTGTA TCACGTAGC
201 CAGACCACAA AGGCTGTATG TTGCAATGTA TCAAGTGACA GTTTTAGTTA
251 AACATAAATA GGCCATTGA ACCCTGCCAA ACCTGGTCAT ATAGATCAAG
301 GTCAAGGTAA AATACCAGGT TTCTGTAGTA GGGGG

ug251 Length: 369 April 26, 1996 3:27 PM Check: 4858 ..

1 GGAATTCCCC GGCTAGAGCG GCCGCTCGAG CCGGGTCGAG CGGCCGCTTT
51 TTTTTTTTTT TTTTCACGG GAACAGACTT TATTAGTTCA CTTGGGTCTT
101 CTCTGGTACG GCATTGAAG GGTCTCTGG CACCCCTCA TTTTTTTCTT
151 TTTTGGCAGC AGCTGCAGCA GCTTTTAAGG CCCTTTTTTG CTTCTTCAGC
201 TTTTGCACCT CCTGGTAAAC CCGAATGCAC AGAGCCTTCT TGGCCAGGAA
251 GCVGCGGTGA ACCTTTGGT AAATGTCAGA GGGGGGTAAG GTATATTCCA
301 CCCCTAGCTC CTTGCATGTC TTTTCGAAGA CATCATAGTT GGTCTGACGG
351 AGGATTTGTA GCAACTTTT

the first time in the history of the world, the people of the United States have been compelled to make a choice between two political parties.

ug252 Length: 394 April 26, 1996 3:27 PM Check: 7746 ..

1 GGAATTCA TTATAATTAT GAATCATGAA TATCTGTATT TGCCGATGGT
51 CTCAGGTGAC CCTTGAGAAA GGGTCGTCTC ACCCCCCAAAG TTCTGTCCAC
101 AGGTTGAAAA CCACTGTGTT GGAGGGTGCT GACTGTAGGG CAACAACCTG
151 AGGACAAAAA AAAGCCTTGA ACATGTGTTG TTGCTCTGGG AGCTGTGTGC
201 TAGCTCATAT CTTCGCCAGT CCTCCCACTA AGCTTGGCTG GTTCGGGGTA
251 CCCCTATTT ATGGGACYCA GGGTAGGGGT GAGGCAGTGA TGGKGCCAGT
301 CTGCTGCCTT GCCCAAGCAG TGACCGCTCC CTTGATCTGT GCTGACTGTT
351 AAGAGTGA AKKKCTTCAGAA AGTAGTACTG CCACAGCCAC CAGA

ug253 Length: 536 April 26, 1996 3:27 PM Check: 1094 ..

1 GGAATTCCGG CTCGAGCGGC CGCTTTTTTT TTTTTTTTTT TTAGTTGCAA
51 GCAGATCACA AATCCTCTTA GATGTAAGGA AAGTGGGTGT TCTGGAGAGG
101 ACTCAGATCC TGAAAATGAG GAAGTGAGAA TGGCTTTAG CCATTTTGG
151 AAAGTACAGT CTGTAATAGT TTACCTTCTG GCCCAGAGAA TTCACATTCT
201 TCTGCCTGAA CAATGCAGTT AATTTTTTC TTCTACAAAC CCCTATGGTA
251 TCAGCTGGAT GTCAGGGTTT TACCATTAAACCTGATCCA GTCACAGAAA
301 TGGTTGTTTA TTGCAGATGA TACTCCTCAT ATGAAAGAAA ACCTATGAAA
351 CAAAACAAGT TAGCAGCTGC CCATATATTTC TACATATATT GAGAGAAGTA
401 TAAGACAGTG TATTAACAT GAGAAAAATG GAAGGCACAC AGCAGACACT
451 GTTCTATAACA GTTCAATTG AAGTCCAGGG TATATGTTGA CAGCTGGGT
501 AACTCCTACT CTCTGCAGTA TYCTCCAACA AWCCCC

ug254 Length: 244 April 26, 1996 3:27 PM Check: 4508 ..

1 GGAATTCCAA GAATGTACGC CAGAGGAACG CCACCTGAGT GGTGGGGCAG
51 GCGGGGGAGG GGAGGTGCCCG AGGGTGCCCTG ACCCCAGGCC AGCTCTACCT
101 CCACTCCAGT ATCCCATCCT GTCCCCGATTT GAACCTAACCC AACCCAACCT
151 ATCCCCAACCC AAGTGAAGAC AGAGCCTTAC CTTACAGAAA ACCCCACCTGG
201 AAGAAGCAAR CCAACTTCAGC CCCTGTTTCT AATTAAACT AAAT

ug255 Length: 331 April 26, 1996 3:27 PM Check: 5997 ..

1 GGAATTCGTG AAGGTATGTG ACAACGTTA CCTGACTAAA GCAGCTATCA
51 GCTTACAAGT TCCCTGCTTC CCCAGTCAAT TTGGTGACTT TCATTCTTAG
101 TGCTTCGACC CTTTCCTAC AGCAAGCACA CAACACTGCA GTTCTTTACC
151 CTGCAATCCT ATGTATTTGC TTCAATTTTT GTTCTCCACA TCCTCAACTA
201 TGCATTATTG GGACAGCAAA AAAAAAAAAG AAAAAGATTG TTTCTTCTAA
251 GGGAGAAGTA AGTCACCTAG CCTTCACAT AGACCACCTG GGCACAGTGC
301 ACAAGAACG CCGAGCTCAT CCTTTTCTG T

ug256 Length: 308 April 26, 1996 3:27 PM Check: 4767 ..

1 GGAATTCGTG AAGAGTACTG CCTTGTCCCTT TGGCGTGTGC ATCGGTCTG
51 CTCTCACCCG CAGCCTGCGC TCTACTGCCT GCTCCAGTCC ACTCCTGACC
101 GACAGCATCA TGGCTACGAG AGGCACGTG ACTGACTTCC CTGGATTTGA
151 TGGCAGGGCT GATGCAGAAG TCCTTCGGAA GGCCATGAAA GGCTTGGGTA
201 CCGATGAGGA CAGCATTCTG AACCTGTTGA CATCCCGAAG CAATGCTCAG
251 CBCCAGGAAC TTGCTCAGGA GTTTAAGAAC TCTGTTTGG CAGGGACCTT
301 GTGGATGA

ug257 Length: 491 May 30, 1996 10:48 AM Check: 6457 ..

1 GAATTCCCCG CTCGAGCGGC CGCTTTTTTT TTTTTTTTAA CAAACCCCTTG
51 TGTCGAGGGC TGACTTTCAAG TAGATCGCAG CGAGGGAGCT GCTCTGCTAC
101 GTACGAAACC CCGACCCAGA AGCAGGTGCT CTACGAATGG GTTAGCGCCA
151 GGTTCCACAC GAACGTGCGT TCAACGTGAC AGGCGAGAGG GCBGCCTCTT
201 CATAATTTC AATCTGTCAC ACTTGTCTTT CCCATCTGTC TACCATGTAC
251 TTGTACATGT AGTCATGGCT TAGGTGTGGC TTGTGACAGG TGGGCCTCTG
301 GGTTTCCCCT GCTCAAGGCA AGGGAAACTG TCTTACTTAA CAGTGTGTGT
351 CTAAAAAAAT CTGGCTTTTT TGAGAGTGCA GTATTTAAAA AACAAAACGT
401 TACTATCAAT TTCTATAAAG TTGTTCGAGA ATTTATATGG GTCCCAAATG
451 TCCTTTCTGA CTGAAGTCTG CAGTAAADCG AATTCCACCA C

ug258 Length: 465 May 30, 1996 10:48 AM Check: 1654 ..

1 GAATTCCGGC TCGAGCGGCC GCTTTTTTTT TTTTTTTTTT GATTAGCTCT
51 GGATAATTTT TTATGGGGAG GGGAAAAGG CATTGATAT CCTGCCTTC
101 CTACAGCACT CAGATTAAAA CACAGGCTTA AATTAATTCT GATTGCTTCC
151 TTTTCCTGT TCCTTCCTGC AGAGGCTGAT GGGACAGTGT CCAGGGCTGG
201 AGAGCCACGT GTTCTGTAGA TGATAAAATAA CTATGAACAT TTGGTGCTGA
251 ATTTTTTACA CTTGCTCTTT GTGGTGCTAT TGTCCGGAGA CCCTTAGGTG
301 GSCCTAGGGT GCCTGCCATG CCTCATTCCC TCGAATTCCA CCACACTGGC
351 GGCGCTCGA GCATGCATCT AGAGGGCCCA ATTGCCCTA TAGTGAGTCG
401 TATTACAATT CACTGGCCGT CGTTTACAA CGTCGTGACT GGGAACACCC
451 TGGCGTTACC CAACT

ug259 Length: 413 May 30, 1996 10:48 AM Check: 2437 ..

1 GAATTCCGG CTCGAGCGAC CGCTTTTTTT TTTTTTTTTT TTTTTTATGA
51 AATGAGTTCA TATTCAAGTG TGACTATGTA GTCAAGTACA TAGTTGAACA
101 TGAGTAGCCT CATATCATAA AAGTAGTCTT CTATCATTCA TATACAGTAT
151 ATATCATTTC TATAACACTCC TTTGCTCTAT ACTGTGCCCTT GGAGATCTTA
201 AGTCATGTTA TCATCTTAAA GTGTGTCAGG GTAGTTACCT ACCTCAGGCA
251 TTCAGGTAT TTCTAGTTT CAGCACTTWC AAATACCTTT AGTKAGTATC
301 TTTGTGTGTA CTTTTTCATA TGCTGTGTA CAGTTCTTA AGCAGGACTG
351 CAAAAATGTA AATTKCTGCT TTTCAGCTTA GGKCATCTAA CAGATAACACT
401 TTCCTTCAAA AGC

ug260 Length: 436 May 30, 1996 10:48 AM Check: 4256 ..

1 GAATTCCCTCA GACCTGGAGC AGGCGCGGCC TCAGACTTCT GGAGAAGAAG
51 AGCTGCAGCT GCAGCTGGCC TTGGCCATGA GTCGCGAAGA GGCTGAAAGG
101 CCAGTCCCCC CAGCCTCCCA CAGGGATGAG GACCTGCAGC TGCAGCTGGC
151 TCTGAGCCTG AGCCGGCAAG AGCATGAGAA GGGGGTGAGA TCCTGGAAGG
201 GAGATGACTC TCCAGTGGCC AACGGCGCAG AACCTGCTGG CCAACGTCGT
251 CAACGGGACA GGGAGCCTGA GAGAGAAGAG AGAAAGGAGG AGGAGAAGCT
301 GAAAAACTAGT CAGTCCTCCA TCCTGGACTT GCTGACATCT TCGCACCTDC
351 CCCGGCCCTG CCTTCCACCA CTGCTCTGCT GACCCATGGG ACATCCCAGG
401 TCTCAGGCCG AACACAGAGC CAAGTTVGCT CCTCTT

ug261 Length: 484 May 30, 1996 10:48 AM Check: 3929 ..

1 GAATTCTTTT TTTTTTTTTT TTTTTTTTTG AGGTGCTGAG TCACACTGTT
51 AACTGCTTTA TTGAGATTCA GGGAGATCCT TCCCCAAGA GACACCACAG
101 TGTGAAAGGG ACGCTGCCTC CCGCCCGGTC AGTCCATCTG TCCATGCCTT
151 CATTGATCA AATGTGCACC CACTATCCAC TGGAAACAGC CTCCAACCTG
201 TCCCCATTTC TTTTCCCCTT AGTTCTGAAA AATAATAATA ATAATGACAA
251 CAAAGAAAAG AAAACCAAGA TGCAGTAGTT CTGAGAGATG ATTGTACAGA
301 CCCAAAGTGG GACGCATGAG AATAGAGGGA ACAC TTGAGA GTAAACCTAA
351 GGCCAAAGGAG AGGGTATGCA TGGCTCAGAA AACACGTACT GGGGAAGAGC
401 CTGCTTAATC ATGTGCATGT TGGGTGCACA TGCCTCTGCT GAAAGAAGAC
451 AGGACATCAG CTAGGCAGAC AACTGTATCC CATA

ug262 Length: 577 May 30, 1996 10:48 AM Check: 8408 ..

1 GAATTCCACA CCTTGTAAGG ATGGTATAAC CTCTGCCTTA AACAAAGTTCA
51 AGAAAAGGAG GGGCAAAAG AGCGCTTGTG TGCAAGCTTTA ATTATCTGGT
101 CCCCCTCACC CCCTGCCTTT TGCTGTGCTC TTAGCCCCAG GCCAAAGGCT
151 AAGACTGGAA CTAAATTTGC ATAACCTCACCC TCCCACATAG GTGTCCCTGT
201 CCACTCCTCT TAGCCTTCGT GTATCCGGAG CAGATTTAT AGCTGTGCAG
251 TCTTACTCCA TTGCTACCTA AGGGAAAATC TGTTAGGTTA AAAAATTATT
301 TCTGTCCCCT GGCTGGATTT TCAAAACCAA CTGTGGAAAT AGGCTAATGA
351 GACTGGTAAA GCCAACCGAGA ACACCCACAC GCTATTCCCA AATCAAATGC
401 GTTGTAAATT GGGCGAATCT TGTATTTGTG TGCTGTCTGGT AATGTGAGGT
451 CAGATTTWA GCATTCTATC ATCATGAAAT TGCACGTCA CTTTCCATAG
501 CAGCCGAGAG AATGATAGTG AGGTTAAGGA GCCATAACCG TAGAAAATGA
551 AGGTGCTCMA GGGCATGAAT GTTCTGA

ug263 Length: 492 May 30, 1996 10:48 AM Check: 407 ..

1 GAATTCCGAG ATGGGCCAAG AGCTTCAAGG AGAAATAGTT GTAATAATTG
51 CAGATCAGTA TGGAAATCAG ATTTCATCAT TTTCACCTGA TTCCTTATCT
101 ACTTTGTCGA TTACTGGAGA TGGCCTTGAC AGCTCAAAC TGAAAATCAC
151 CTTGGAGGCC AACTCACAGA GCGTAAGTGT GCAAGGCATC AGGTTTACTC
201 CAGGGCCTCC TGGACCCAAG GATCTGTGTT TTACTTGGCG AGAGTTTCT
251 GACTTTCTGC GCGTGCAACT GGTTTCTGGA CCTCCAACCA AGCTGCTGCT
301 TATGGACTGG CCAGAGCTGA AAGAGTCCAT TCCTGTGATT AATGGAAGAC
351 AATTAGAGAA CCCTCTCATT GTTCAACTTT GTGATCAGTG GGATAATCCT
401 GCTTTAGTCC CAAACGTTAA AATATGTCTC ATAAAAGCAA GCAGCTTAAG
451 GCTACTACHT TCAAACCCAGC AGCATAAAAC SGATTCCACC AC

ug264 Length: 611 May 30, 1996 10:48 AM Check: 1532 ..

1 GAATTCGAAC TCTACAGGAC AACCCATTTC CTGAGAGGGT AGGCCAGATG
51 GCTCTGGGTG ACTGAGAATG TCATTCCCTTG AATGGGGGAC AGAACGGAGA
101 GGGGGTGGGA TTTGTGGACA CATTACACATA TAAGCATATG CACCCCAGCA
151 ACAAGGCTCC TAATAGCCTC TCCAGGAAGG AGACACCGAC CCCTAGATTC
201 CTGGAGTGTG TAAACAGCCC ACCCCTAGAG CCCTCATCCA GTCCATTCT
251 CCAGCTCGCA AGACCCGGCT TCCAACGTGA AGTCACCAGG GCGTAGAAAG
301 TCCCTCCTGA TATTACACATG ACAGATT CCT TTTCGAACGT GGCACGGAG
351 TCCCCGGTGG GTCCCTGGTA CTGTTTCAGG AGGGGATTCC CCTCCTCTGT
401 GGCGAGGGGC AGTGGATTCA GAGACACCTC GTTCTTCACC TGGATCAATT
451 CGGGCTCTGA GCTCGGCATC TTGGTTCGAT CCACGTAAC CTGAAGCAGT
501 CCAGCCCCAA AAGCATCACC TTCCACGTG AGGACAGTAC AGGACCTGTC
551 CACTAGCCAG TCCACGCCAA GATCAAGGAG ATGTCCTTCA CAGGGCAGGC
601 TGACTTSTTT C

ug265 Length: 484 May 30, 1996 10:48 AM Check: 5041 ..

1 GAATTCCTCC AGTCGGTTAG CCGGAAAAAC GGGTGCCTCT TGACATCCTC
51 TGCATCCTTC TCACCAGCTC CCAGGCGCCG CTCAGGATTT CTCCTTAGCA
101 GCCTTCTCAT TATGAAATG GCTTCTGTAG ATAAGAACCT TGGATACCTT
151 ACTTCGTCAT TTACAATACT GTCAAAACCC TCTTCTTCAT CATCACCAAGG
201 AAAGGGAGAC TCGCCGACGA GCATCTCATA TATGAGTACA CCAAGGCCCC
251 ACCAATCTAC AGCCCTTGTG TACGATGTTT CTGTAGGAC TTCTGGGGGC
301 AAGAAAATCA GGGAGTACCA CAAAATGTGC TTGTCCTATC TCCATACCCC
351 ATTCCCTCTT TGCAAAGACC AAAGGTCAAGG CAATTTCAC AAAGCCTCT
401 GTATCTAGCA ACAAGTTTAT CCAACTTCAA ATCTCTATAA ACAATTTGT
451 GTTCATGTAA GTATTGCAAC CCAAGAACTA CACA

ug266 Length: 460 May 30, 1996 10:48 AM Check: 2664 ..

1 GAATTCAACC CGGCTCGAGC GCCGCTTTTT TTTTTTTTTT CTAAGGACCT
51 TAGAAAAATA AAAAAAAAAT TCTGAGTGCC ATCTTATCA TCTCTTCATG
101 TGTGTGTATG AGTGTGTGTG AGTGTGTGT A TGTGTGTGT GTGTGTGTAT
151 TGCATGTGTG TGTGTGTGTG GTATGTGTGT TGTATTGTAT ATATACCAGA
201 CCATGAGGTA ATAGGAGAAT ACACATTCT CGCCAAGATT TTTATCTTGT
251 CTAATCAAGT CATGTTCTG GCTAGAACAC CTTTCTTGT A ATCATTAA
301 ATGTAGTCAT TTAAATGAAT AATCAAACA GAAGTCCTAT TAGATCCATG
351 TTTCTGTTAA ATGATTGCTA AGCCCTAAC C TTTCAATTCC CTTCAAGGAAA
401 SCATCAAAAG CATGGTTATC ATTCACTCTA GAAGCCCAGA TTATCGTTT
451 AAAGTCATCA

ug267 Length: 213 May 30, 1996 10:48 AM Check: 9152 ..

1 GAATTCCCTGG TAAGGGCAAG TCATACATGG AACTCGGTTTC TTCACGGCAT
51 GCTTAGAAC ACTGCCGTGT GGAGCTTGT TCGTGTGTTKA AGGAATTCTA
101 ACGCACTAAC ACATAATGAC TCTAGCCYTA KGATGCACAG GCAAAAGGA
151 GGCCCTAAGGA CTCACTTACA CACTGCAATA AAAGCTTKCT CCACTTGTC
201 TCCAGGAATC GCC

ug268 Length: 207 May 30, 1996 10:48 AM Check: 5586 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTGATCCGTG
101 CYGCCCTGGA CCTGTTGAAC GAGGTCGGCG TAGACGGTCT GACGACHCGC
151 AAACTGGCGG AACGGTTGGG GGTTCAAGCHG CCGGCGCTTT ACTGGCACTT
201 CWGGTAC

ug269 Length: 285 May 30, 1996 10:48 AM Check: 4734 ..

1 GAATTCGTCA AGTTGGTCTT GAACTCCTGA GTTCAAACAA CCCTGCTGTG
51 GAATCCACGG TAGCTAGACC TACAGATGGC ATCACCAAGG TCAGCTTGAA
101 CACACAGTTA AAAATCATTA ACCCCAAACT GACCATAATG TATCAAAGAT
151 GGGTAGGAAT TTAATAGCCT GTCTTTATGT TTAAAAGGTC AACCAAGTAA
201 CAATAATCAA GATATCTGAA GAAGTCTGCC AAGAGAGCTG GTGCTTCCTG
251 TAAGCTCACA GGAAGACGAG GAGCTTCAAC CCAAA

ug270 Length: 457 May 30, 1996 10:48 AM Check: 7187 ..

1 GAATTCTTA TTTCTTAAAA TAAAAAGAAC ATCTAAGGAC TGAGTCCTAT
51 ATGCACCTTA GAGCATTCT ACAGCATGCG ATTCTAAGAG TAACCCCACC
101 CAATATGGCA AACAAATCAA TTGTTTAAAA TTAACTTAG AAAGTCTGAG
151 ATCATTATTT TCAAAACATT GATTTGTACA TTGTTTCATA CACAAATAAC
201 CAACTGACTA TCCAAGCACA GGACAGGGCA CCTCTCTGGA GAAAAAAAAT
251 CTCTGACAGC AGGGGCAGGA CGGCTAGTGT CACATGACTA CAAACGTCCC
301 TCCAACCTCA CAGGAAACCC AAGGAAAGAA CAGAAAGTGG ACAGTGAGGG
351 GACAGGAGGG ACAGGAGGG AGGAAAVCAG CTYGGGAGTA AGTCMSCTGC
401 CTGAGCAAGG GAAGGAAGGA CTCTGACCAA GCATTCTGG SCMATCCTAA
451 CATGTGC

ug271 Length: 418 May 30, 1996 10:48 AM Check: 8243 ..

1 GAATTCTGCC TCTCTGGAG GTCTGCTCCT TTTTGAAGAG GAAACGGGTG
51 AGAGGGTGTGTT CAATAATGGA GAAAAGAGGA TAGGTGAAGT GGGGGGCATG
101 GGGCATAGCT AGGAAGACTG TAGGGAGGAA AAACAATGCT CAGGATATAT
151 TGTATGAGAG AGAACCGAGG CAGTGGTCCA GGTCAGGGTA GTACAAATTA
201 CGGAAAGAGC CAGCCACGTG GTGGTCATCA GAATAACTAC AAGCCATACT
251 GAGAGGCAGC AGGAGCGCCC GAGTGACGAC CGCACACGCT TTGTTTGGAC
301 GCGGGAATTC CACCACACTG GCGGCCGCTC GAGCATGCAT CTAGAGGGCC
351 CAATTCTGCC TATACTGAGT CGTATTACAA TTCACTGVCC GWCGTTTAC
401 AACGTCGTGA CTGGGAAA

ug272 Length: 450 May 30, 1996 10:49 AM Check: 7913 ..

1 GAATTCTTA TTTTCAGATG ACAGTTTCC TCCTTTGGA TCACTGCTAC
51 TGCGGTGTT TTTAGTAGGC AAAGTAAGTG AATTTAAGAT ACGATTCTT
101 ACAAGTTGC TGGAGCCAAA AAAGGAAAT GAATTTTAT CTTTTATGGG
151 TCCAGGTCTGG TCATAAAATG CTGGCTCAGC ATCTTCATTG ATGTCAAGGA
201 AAAATGTGCT GGTGGAGGTG CTGCCGAAGC GGTGGTCCTC CAGCATGAAC
251 ATGCTTGATG GTGCAGACTC ACTCTCACTG TTATGTCTAG AGCTGGTCGA
301 CTCAGAGTTC AAGCTGAGGG TGCTTGGAC AGATGAGAGC TCATTGCAGA
351 GCTGCTCCAC ATCATCTGGA ACCACTGGCC ATAGAHCHTH CACTGTSCTT
401 ACAGAATCCC AGCTGTGACA TTTCAAAATA TCACAGCCTT ACCTTGGTTT

YOD230-AE660

ug273 Length: 555 May 30, 1996 10:49 AM Check: 3043 ..

1 GAATTCCACT ACTCTGCCAA TTAAAAAAGA TTTGTTTTTG CAAAAGTTAT
51 GTTGGAGAA AAATAAAAAA GCTTATGGTC CTTGTATTAA GCAAAATAAG
101 GTAGGCTCAG AAAGATGGGT GCTGTTTCT CAGATATATG AAATCCACAC
151 TTAATAGTAT AAGATTTAA GACGCAGAAG GTACTATTCA TTTAGAAAAG
201 GGAAAGTAAC CTGTGGGGC CAGTACAGAG GACGAAATGA GGATGAACAA
251 GCTTGAATTC CGAAATAAAG CTGTGTGTGA ATGTCACAAA GGTTCTATCA
301 TACTGACCAA TGAGTGTATG CTAATCAAAG TAAGATTCGT TAAAATGGTT
351 TGAGAAATCA TTGTTGAAAT GTTAATCAAT CTCATCTGAA GCTCCGTCTA
401 GATTTTTATT TTTTATAGAA CTTTTATAAA CTCTTCCACC TCAAGTYCCA
451 AATTGGAAAG ATTTACTCCT CCTTCATAA GTTYCCAAG ATGAGATAAG
501 AGCYATRCAA WGGTTTGTGT GGGAAATTGA GGCATGGACA TCACTACATG
551 GGCTT

ug274 Length: 172 May 30, 1996 10:49 AM Check: 3267 ..

1 GAATTCGCGC AGAGGAACTC TGGTATCGAT GGTACAAGAA GAGACCCCCT
51 GATCATCARA GACAGACARA GGCCAGCTGG TTCCAGACTG GCTTACAGGK
101 AAAATCCAGC TGCTGCTTGG GCCCCTGATG GTCGACCCAG TAGAGGGATG
151 GATTCAAGGT AWCAGCCTTC CC

ug275 Length: 355 May 30, 1996 10:49 AM Check: 5892 ..

1 GAATTCTTGA AATTAAAGA AAAAATTAT TGAAGATCTG AAAAACAACT
51 CCTACAAGAT TGACTTTCC ATAAAACCTGC AGCTACACGA TGCATTGCGT
101 CTATCATGTT AAAACGTGCA TTAGACACAA ATACAAAACC CATGAAAACA
151 AGCCACCATT CTTAACAGT TGAGCAAAGA TAAGATGCCT AAGGAATGAC
201 ATGGATGACT TGCAAAGGAT GGGCTTTA AGCACCATTAA WAAAAAAAAA
251 WAAGAGCACA GATGGATGAG TGTTCAGTTA TATACACTGA AGTGAACCTT
301 TGGCACTAGG AATCAGAGCA WTTGTCATAA GAAGCATTWA ACACATATTAA
351 TAAAAA

ug276 Length: 425 May 30, 1996 10:49 AM Check: 617 ..

1 GAATTCAAAA ACCTTTAATG AGTAAAAGAC AGTGTAGGGT TTGTGCCCAT
51 TGTCCATGTG TTGCTCCTAT TGTCACCCCT CCTATCAGAA GGTATTTTG
101 ATGCAGGCVG CCACCAGGAC TAGGATTTCC CCAATCTTCC TCTGCCAGTT
151 GGTGATATCC TTGGACACAG CACACCACAG CTCTCCATGT CGGGGCTCTG
201 CATTCTCAC ACGTTTCCTC ACCTCCTCCT GTTGCTCCTC AGTTCCATGC
251 TGCAGTTCAA ATTTGTAGAA GAAGGCCAG GCATCCCCC AGATCTGAGT
301 CAATCTTCAC AGTGCSATGG AACCACTCCC GAVCCYTGGT GATCTTCTT
351 TCACTCCAGA ACAACTTAGC CACAGCTAAA AGCACATGVG GTCATGTTCA
401 CACTTCTTCA GGGCATCCAC ACTCT

ug277 Length: 251 May 30, 1996 10:47 AM Check: 1856 ..

1 GAATTICATGG CGCATTCCCCC ACCCCTGGCG CCCGGCGCCG CGGGCGCGTA
51 CAGCAGCGCC CCGGGGGAGG CGCCCCCGTC CGCCGCCGCC GCCGCCGCCG
101 CCGCCGCTGC TGCCGCCGCC GCCGCCGCTG CCCGCCGTGT CGTCGGGAGG
151 GCCCGGGCCG GCGGGGCCS CVGKTGCCGA GGCGGCCAAG CAAGTGCAGT
201 CCCTGCTCGG CGGCGGCACA GAGCTCGTCG GGGGCCCCCG GCGCTGCCCT
251 A

ug278 Length: 320 May 30, 1996 10:47 AM Check: 2959 ..

1 GAATTCTGTT CTGAAAAATA GCTACAGTGT ACTTACATAT AATACATAAA
51 TCTTTAAGAA AAAAAAAA AAAGGGGAGA TTTAAAAGTA AAGGCCTGAA
101 TGTCTGTTCA ACTAACTAAA TTTATAGAAA GCTTCACAGT ACAAAAGCAAG
151 CAACTGACTT AAGACTTGCA CCTAAGGCTG GAGAGATTGC TCAGAGGTTA
201 AGAACACTGA CTGCTCTTCT GCAGGTCCCA AGTTCAATTG CCAGACAAAC
251 ACATAGGTGG CTCACAACCA TCTGTAAACA AGACCTGATG CCCTCTCTG
301 GTGAACGTGAA GAAGGCTACA

ug279 Length: 374 May 30, 1996 10:47 AM Check: 4320 ..

1 GAATTCCGGG GCACCCCTCTG CTGAACAGTA GGGGACGGGC CAGGTGGCAG
51 AGTGGCCAGA TTGGGGGGTG AGGCCGTGGA GGAAGGGTC CCAGCTCCAG
101 CCCCGGGCCC AGGACTCACCA AGGCTTTACC ACACCTGTGAC ACTGCTCACA
151 CCTGGGAGTT GCTTCTGAGA AGATCTTCTC TTTCATCCAG CCCATCGTGT
201 ATTCTTTCT GCAGGAGGTG TTGACACAGT GTGATGTGTA GAAGGTGCCG
251 TGGGCCTCCA CCAGGTCCCTG GGGCTCCAGC CCCGCCACTC GTTCCAGCGT
301 GTCTATGTTC TGCGTGTAGC AGCGCAGCAG CTAGCCCCTT HTCCTTCAGC
351 AGGCCGGATG AAGTAATTGG CAGA

ug280 Length: 208 May 30, 1996 10:47 AM Check: 9974 ..

1 GAATTCACTT ACACGTCTA TTCCCTGAAC GACCAGCCGG GGCTCCACCT
51 GGGCTTCGAG GCTGCCATTA TGCCTGCCAC AAGTGACAGC CTTCCCTGGC
101 TACCCAAGGG CACCCACCGA GCACCCCTAG GTTCAGCTGT GCTCACACAR
151 GGGTGAATGA GCACCCCAGG GSAYCCACTT TTGGGTTCTA CCACTBCGAT
201 TCCCCACCA

ug281 Length: 396 May 30, 1996 10:47 AM Check: 6221 ..

1 GAATTGGCA GACAAACAGT GACCAGAACCC AGTGCCTAA GGAAAACAAC
51 CTCTACAAAC CACTGAAGCC ACTTGAAACT CTCGGACGAA TGTGCTGGGT
101 TTCCCCACAAC AGCGACACTT CCCAGAGAGC TACTGACAAG GAGCCCTCAG
151 GACACTGATG TGCATCCTTG GACTTGCTCA CTCAGGCCCC TGAGTCAGAG
201 CCTGCCATAA TATCCATCCC TAGGCCTGCT AACACACTTC CAGGATAACA
251 GGGAGGAAAT GACATTCACA CGTTACCTTT TGTGATCTGC HGCCACCAVC
301 TGTGGTTTG GAGGACTCTA CAMCAHHTTT CTTIVCCCCAG AGATTGGGGA
351 AGATCCCACT AACTCTGTG TAGCAAAGCG GGGGCTGGTC CTGGTT

ug282 Length: 585 May 30, 1996 10:47 AM Check: 9273 ..

1 GAATTCCCTGA ACAGAGGTTTC TCAGAACATA TAAAAGATGA AAAGAACACG
51 GAATTCAAC AGAGGTTCAT TCTCAAGAGA GATGATGCCA GTATGGACCG
101 AGATGATAAC CAGGTGAAGA ATGGAAGAGG GTGGGCCTAT AAAGAGAGAA
151 ACTGGGAAGG GAGAAGGATT TGGGGGAATG GAAAAAAATTG AAAATATCTT
201 AAAATGGAAA ACTACACAGC GCTGTTCTCC TGAGTTGTTG GGGCTTCCCA
251 CTGAGGACTG GCTACAGTTG CCGTGCTCAA GGCCCCAGAG AGACAGGGTG
301 CTGAGGTCTC ATTTGGCCA CAGCTCTTA GGTTTGCCTC TAACTTGAA
351 CTACGTTCA TTTTGGACAA ACAAGGTTTC TCCCTGTGTC AGCCTTGATG
401 TAGCTGACTT CAGTGTCACTC TCTTGCTCA ACCCCTCCCT GTCTTGCAGA
451 ATTTACACTG GGAGCTACCA AAATAACCAA AAGTTACTTT ATCCCATTTC
501 CACTCTTCTA GCCAAGGGCT GGCCCTAAAH GCAAAGTTAT GGTCTAATT
551 AACCAGTTAC AGAGGTGTGT CTTTGATCCC CTTTG

ug283 Length: 389 May 30, 1996 10:47 AM Check: 5353 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTGATCCGTG
101 CCGCCCTGGA CCTGTTGAAC GAGGTCGGCG TAGACGGTCT GACGACACGC
151 AAACCTGGCGG AACGGTTGGG GGTTCAAGCAG CCGGGCTTT ACTGGCACTT
201 CAGGAACAAG CGGGCGCTGC TCGACGCCT GGCGAAGCC ATGCTGGCGG
251 AGAATCATAAC GCATTTCGGTG CCGAGAGCCG ACGACGACTG GCGCTCATTT
301 CTGATCGGGA ATGCCCGCAG CTTCAAGGCAG SCTGCTCGCC TACMGCCAGC
351 ACACCTGGCGG HHCHCGAGCA TGCATCTAGA GGGCCCAAT

ug284 Length: 375 May 30, 1996 10:47 AM Check: 64 ..

1 GAATTCCCTTG CACTATGCCG CTGCTCGKKK CCACGCCACA TGGCTGAATG
51 AATTGCTCCA GATTGCCCTT TCTGAAGAAG ACTGCTGTCT CAAAGACAAC
101 CAGGGATACA CGCCACTGCA CTGGGCGTGT TACAATGGTA ATGAAAAC TG
151 CATAGAGGTA CTTTTGGAGC AAAAATGTTT TCGAAAATTT ATTGGTAATC
201 CCTTCACTCC ACTGCAGTGT GCAATAATAA ATGGTCACGA GAGCTGTGCA
251 TCATTGCTCC TGGKGCCAT AGATCCCAGC ATTGTCAGCT GCAGGGATGA
301 CAAAGGCAGG ACAACCCCTCC ACTKGGCAGC CTTTGGAGAT CATGCGGAGT
351 GCTTGCAGCT GCTTCTGAGA CATGA

ug285 Length: 532 May 30, 1996 10:47 AM Check: 9563 ..

1 GAATTCCGAA AATGAAAGAG CCTTCCTGTC TTCAACATAT TTTTGTTTGA
51 GCTTGATGTC TGCCAACCAA GTACTCATAG TAGTATCAGT ATCACTGTTA
101 GTATCCACAT CAGTATCTTA ATTCCATGAC TTTTCACTCC ACCCAACTAT
151 GGCTCCTCGA TTTTCTTGT TAAGCTTCT GAATTCTTT CCAGTCTGAA
201 ATGCTAATGA TGCCCTCAGA CTCCTCCCT CTTGCCACAT CTCCCTCTT
251 TTTGAACTCG TCTCCCCCTC TGTGTTCAT A CCCATCATA C TTTGCTAATT
301 GCTACTTCAG TGTCTTAATC ATAACATTCT TCTTCAGTCT TTAAACAAGA
351 TCTGTCCCAG AGTCTAAATT TAGCCATTCT CACTCTGT GTGTCCCATT
401 TGGGCTTTGA ATTAAAGTTC TGAGTTCACT GGCTTCATG AGGGGGAGGG
451 TCACAGAATA AAGTTTCCAG TGTGTTGCTC TTGAAAGGAG ATCTCCCATA
501 TTCAAATACM CTTCTCCCTA AATATTCTGT TA

ug286 Length: 314 May 30, 1996 10:48 AM Check: 3305 ..

1 GAATTACAGG ATTTAACAGG AATAGAATGG CACAAGGTTT AATCACCAGG
51 GAAATAAACG AATCACAACT GCGGCTCGGG CGCTGCGGCC CTGCTCACAC
101 CGACAGAACT GCGGCTACAC AGAGATTGGA AAACCGCTAC ACGGCCTGC
151 CCCTACCTGC GCCCACGGCC ATGCGCCCCC ACCTGAACTA AGGCAGAGGC
201 AAGCATCCCG GAGACTTCAC CCCACAACCT TCTGAGTCTT AGTCTTCVTT
251 CTGTGTACTG TGACAATGTA TGAATCAACT CTTCTCAATT CACTTGAGTC
301 CAAGTCGTAA CTGA

ug287 Length: 342 May 30, 1996 10:48 AM Check: 9384 ..

1 GAATTCGCGC ACTGACAGGC CACTGTRCAC GTGTGGAGGT CAGAGGTCAA
51 TGATAGAACG CCTCTCCTTC ACCACATAGG TCCTGGAGGT TAAACTCAGG
101 TTGTTAGACT TGGCAACAAG CCCTTTGTCC TGCTGARCCA TCTCACTGCM
151 CCRCCACCCCT TTWCTGAGAG AGGCTCTTCA CTATCCTAAC CTAGGTTACC
201 CTGGAACTTA TGATGCACCC AGGTGCTAGT GTTCACAACG GGGAGGAAAA
251 CCTCAAATTAA GGGTTATGTG AACTGTAACA TAAATTGTA ATTTAACTA
301 CTTDTTTTTC TTACTGGGTT TTGATATAAA DCCTCACTTT GT

ug288 Length: 412 May 30, 1996 10:48 AM Check: 9199 ..

1 GAATTCGCCC CGACTAGTCA CTGTTTAGAA AGAAAGAAGA AAGGAAAGAC
51 CCAGCAAACC TAAGCTAGTA TGACTATCCA TCTAAAAAAG GCTAGGGAGT
101 TGTGTGGTGT TTGTTGTAT GTTTGTGTGT GTGTGTATGT GTTTTATGTA
151 TAAGTCAGT ATTACAAAT CTTTTCACAC TAGCTGCCAT AAAAGACAC
201 AGACATTACA CAAAACCATA TTGCTTTCA TATGCACTCT CTGCAGTTCC
251 TAGCTCAGGC TCAAAGACAG CCCACAAAAG AGTAAAAGGA ACATGTTGGA
301 AACAGAAGTT GGGGAAGTCG GAGAACCTCT GCAGACTKGA GGTCGAACAT
351 GGAGACACAG ACCTCACAGA AACACACTGG CCAGCTCCTC ARTKCACAAG
401 TCTKCTTAAG CT

ug289 Length: 275 May 30, 1996 10:48 AM Check: 9436 ..

1 GAATTCCAAG AGTATTAGAC ATTTTGGAAAG ATTATTGCAT GTGGAGAAAT
51 TATGAGTACT GCAGGTGGAA TGGACAGACA CCCCCATGATG AGAGACAAGT
101 AAGTATGAAA GGGTGGGAAG TTAAAAAGTG AAGTAAGAAC TTTTATTTTT
151 ATATTCCATT AGKTGTACCA ATTTAATATA ATGTTGTAT TGTATTGCAT
201 CAGAGTATTT GATTTTTTTT AAAAATATGT ATTTTCTTTT AAAATTAAAT
251 TTGGTGTGAT AGTGTGGC CYAAG

ug290 Length: 397 May 30, 1996 10:48 AM Check: 4091 ..

1 GAATTCCGCC AAGATGGCCG AAGTGGAGCA GAAGAAGAAC CGCACCTTC
51 GCAAGTTCAC CTACCGTGGC GTAGACCTCG ACCAACTGCT CGACATGTCC
101 TATGAGCAAC TGATGCAGCT GTACAGCGCC CGCCAGAGGA GGCGCCTGAA
151 CCGTGGTCTT CGGCGGAAGC AACACTCACT GCTCAAGCGC TTGAGAAAGG
201 CCAAAAAGGA GGCACCACCC ATGGAGAACG CTGAGGTGGT GAAGACGCAC
251 CTGAGGGACA TGATCATCCT GCCGGAGATG GTGGGTAGCA TGGTGGCGT
301 GTACMACGGC AAGACCTTCA ACCAGGTGGA GATCAAACCA GAGATGATCS
351 GCCACTACCT GGGCGAGTTC TCCATCACCT ACAAAACCGT GAAGCAC

ug291 Length: 405 May 30, 1996 10:48 AM Check: 7889 ..

1 GAATTCTGGA GAAGTGGGAG GTGTACTGTA CGGGGAGGGAA CCAGGGGAAG
51 AAGAGGGGGG TGGAAAGTAA GAAGGGAGGA AAGGCAGGAG GGGGAGAGAG
101 AGATGTTACT GCTTTCTTTT CAGCACATAT AAAACAAAGG ACTAAAGAAA
151 CGCATATTTA AAATCCAGTT TCTATATTCA CACCTAATTG ACTTCCAAAC
201 CTACTTGTAA AAATCCATCT TCAGCAAATG AATTGTTGG GAAAATGGCC
251 AGGCATCCAT ACACAGAAAG GTTCTCCATC ACCATAAATT AACTCATGGT
301 ATGCTGAATT AATTGTTGAA AATTACTAGA AAATATGTTCA ACAAAACCTGG
351 CAAATTCAGA CTATGTCACA CACAAATACT CCTTTCTTTC TCCCTCCTCC
401 TCCCT

ug292 Length: 300 May 30, 1996 10:48 AM Check: 4408 ..

1 GAATTCCGAA TGTTACCGCA CCGCATGCTC TCCCTGCAGC CTTTCTTGCA
51 CACTGGCATG CTGGTCTAGG AGCCGCTATC TATCCTCTCC ACAATGCCCTG
101 CHCGCCTCCT CMVCVAGTTG ACAAGCCAAG CCGCCACTAG CTTCATCACC
151 AACCHCGCTCT CCTCCACCAT CCTGGAACCC TTTCCCAGCT TCACCACAC
201 ATCCGTATMM CTCCCTCTTC CTAGCTTCCT CCACCGAACC GCACCTTTTC
251 CTGGGCTATC TTCACCATGC ACTGCTGCTG CHGCTCCTCA GTCCTTCCTA

ug293 Length: 357 May 30, 1996 10:48 AM Check: 6639 ..

1 GAATTCGTTG GCGAATCATC ATCTCTTCCT CTCGTCTACG CCGTTCCCTCC
51 TCTTGCCTCA ACTGCATTTC TTTCACGTTTC TGCATTTCCTT GACTGTGAAG
101 TTCCTCCATG CCCTTAATTC TTCCCTGGCGT CTCATCAGAT CTTKGCGCAA
151 AAGATTTGCT TGGTGTTCAT GGTAAAGCATC TTCCATTTCA CTTTCCAATT
201 TGTCTTTAGC ATCCTTCATG TTTTTTTCAA CTTGTTCCCT TTGCTGTTT
251 TCCATTTCAT CCAAGGACTT CCATYGTGGA GAATATTCAC TCAAATGTGC
301 CATGCTGAGC AAAACGAGGT GGTGTTCTC TCTCCTTTTG ATACATTGGA
351 TTCTTCT

ug294 Length: 427 May 30, 1996 10:48 AM Check: 1346 ..

1 GAATTCTTCC CATGCACATG CAACTCTATG GAGACGCTCT CCCTTGCACC
51 TTCGTAGGCT CTGTGTGTCC TCAGGCTGCG TGGTGAGCGT CTCGTACCTA
101 CAGAGCCATT TCACAGCTCC ACAAAACTCAG TTTAAAACAG CAGCACCGCT
151 TCTACTCTAT GCTTCGGTTTC AAGTGAGGAA GTGAGGCAGG TACAATTGCG
201 TCATTCAACAC GGCTCTAGTC AGGTAGCTGG AGCAGAGAGG ATGGAGAAC
251 GGCTCATGGG CATCTCTCTG TGCTGAGTAT CCTGGGCTCT TTTCCACAAG
301 GTCTCTCCCA TAACAAAATG AGCCCTGGAC AGCTACAGGT GTCATAACCC
351 AGTGCCGAC TCCAACAACT TCACAGCTTG CTAGAACTCM GAAATCAATA
401 AATCAGAATT CAGAGCCTCA TTCTTCT

ug295 Length: 424 May 30, 1996 10:48 AM Check: 6442 ..

1 GAATTCTTTC TCAGCTGTAA CTGATGGCTG CGTCTGAAGC CTTTACTCTA
51 ATGGTGCTTA TGCTCTGTGTG GGTTGCACCC ATTCTATAGG GCTAGGTGGA
101 ATTGACGTTT GTTCTTACGG TGTGTTGTCT ACTTCATTGT ACTGTGACAT
151 GCTTGAATAA GGGAGGGAGC GAATGGATT A CTTACCTGTC AGGATGCCAA
201 GAGCACCTGT GTGGTCTGTC AGCCTGGACC TCAGTGAGCT GCGGTAAGCA
251 GGTTGGCAAC CTCAGGCTCA ACCCATCTGT GAGGTCAATG CATCTTGGAA
301 AACAGAAAGT GACCTGGCAG CATATTCCCTT ATTTGTAGTA CTGTTTTGTG
351 TTTAGTTTGT TGTGTGCTT TGAGACAGGG TCTCTTTAAG TAGCCCTGDC
401 CTSGCCGTGA AATCCACAGA GAAC

ug296 Length: 389 May 30, 1996 10:48 AM Check: 2156 ..

1 GAATTCCACA ATTATCTCAT CAATAATTAC CCTATTTATC TTATTTCAC
51 TAAAAGTCTC ATCACAAACA TTCCCCTGG CACCTTCACC AAAATCACTA
101 ACAACCATAA AAGTAAAAAC CCCTTGAGAA TTAAAATGAA CGAAAATCTA
151 TTTCCCTCATT CATTACCCCCA ACAATAATAG GATTCCAAT CGTTGTAGCC
201 ATCATTATAT TTCCCTCAAT CCTATTCCCA TCCTCAAAG CCTAATCAAC
251 AACCGTCTCC ATTCTTTCCA ACAGTGACTA GTTAAACTTA TTATCAAACA
301 AATAATGCTA ATCCACACAC CAAAAGGACG AACATGAWCH CTAATHATTG
351 TTTCCCTAAT CATATTATT GGATCAACAA ATCTCCTAG

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ug297 Length: 388 May 30, 1996 10:48 AM Check: 9505 ..

1 GAATTCTTT TGGCTTCTTA GGAGGTATAA AGTTCTTCC AAACACTGCT
51 TCTCTTCCTT CTAAATCTGC AGGATTTCCA CTTAAACCTT CATTGGGAGA
101 TGTTTTCAAC TTGGTGAAA TGCCATAGAC ATCTCCATAG CTCTCCTGTA
151 TTTTCCGTAA TGCATCCGTG GATCTGAGCT CCATGAGAGC TCGCAGCTCT
201 GTAAGCGTAA TTCCAAAGTC TCCATCATGG TTAGCTTCTT TCAAAGAGTT
251 CTTCACACCG CTATACGCAA CTGAGTTGTT GGCCATGTCG CCCATCACAA
301 GGATAATTAA TTAGGAGGAA AATGTTTCCC AGAAGAATGA AATTTTCACC
351 TTGAATGTAG ATTTCCAAGC TGAAAATCTT TTAAATAT

ug298 Length: 230 May 30, 1996 10:48 AM Check: 309 ..

1 GAATTCCCCA AGCTTGTGCA GAGGCCAGGA CCACCTTGTGTT TTCATGCTCT
51 TGACTGCTGG GAGCAGTGGA AGAGCTAAGA ACAGAGTAGG GGCCCSAGGG
101 CTGGATCTAG CCCAGCCCAG GGSCAAAAAG GAAAAGAGGG GAGTDCTCCC
151 AGCTGGTTTT GGCTTGGTGA AGGCYTGGGC TGGGAGTTCT YGAGAGGCCT
201 CCTYGCTATC TTAGACCACY GGKTCTTTA

ug299 Length: 238 May 30, 1996 10:49 AM Check: 4507 ..

1 GAATTACACAT ATGCAAAGAG ACTGAATGTG GATCCTTGA CTTTCTCTTG
51 CTCCCGATCT CTGTGCCTCC TAGTAGAGCA CCCGCCACT GGGCAGCCCA
101 GGAAAGAGCT GGAGACATCA GCCCAGTGGA CTTCTAGGAA GTTGAAAAAG
151 CAAAATAAAA CATTTCAGA GAGCGTTCC CAAAWCHGCG AGCATTCTCA
201 GAATTGACAG SCCACTTGGC ATAAACCTGT GAGTCAGA

ug300 Length: 350 May 30, 1996 10:49 AM Check: 5842 ..

1 GAATTCCCT ACATCAAAAA TTATTTAAGT TGACCAAGAT AAAAAACTGT
51 CTCTAAAAGC TTATATACAT TAGAAGTAGC AAAAATAATA ATAAAGGAAG
101 AGATTAGAAA ACAGCCATCA AATTCAAGACA TCTACAAGAA TTCTCCAACA
151 TCTGCTCTCT TATCTCGGCA TTTGCTTCGA GCTTTGTTGAGCTTTGAA
201 AGCTGCAGAG TTATATAAAAT GCCTTTCAAA ACGAGAAATC TTCATGGTTT
251 TAAAGTGTGTC AGCATCAAGC ATCACAGGGG GGTCCAAGCT CAAATACTTT
301 TCGAGGRATT MMWTTTGTCT GCAAGTGGTA CTGCATCCCT GATCCMAGAA

ug301 Length: 376 May 30, 1996 10:49 AM Check: 7689 ..

1 GAATTCCGGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TTTTTACTGT TAAAGGATTT ATTGCAGTAA TACAACAAAG GTTTAGAAAA
101 CATCTGTGTG ATCAACCTGA CCTGGAAGTT TCAGTCGCAG CAAGGGGGTT
151 CTGACGTTGC AGCTTCCCA ATGCACACCT GAACCCCACC CAATGCTGAC
201 CCCCCATACCA TGGTAAGTTA CATTCTTGG TTCTACGTAA GACCATGAAC
251 AGCCCGTGTG GTGCCTCTGA GTGTCTATTA GTATTACCTT GTTCCAAGAA
301 ATCATTTTTA AATGGAAAAC ATGATCAACT TCTATGGCTT TCGGTTAAA
351 AAAAAAAAAA CAAWCACCA GCTTCA

ug303 Length: 481 May 30, 1996 10:49 AM Check: 8648 ..

1 GAATTCTCGT CGTTTGCTGT CACCAGCAAC ATTGCCTCGT CTAACATCTT
51 TGACCGACAC GTTCTTTACA TTGAAGCCCA CATTGCCCC AGGAAGAGCT
101 TCACTCAAAG CTTCATGGTG CATTTCACAA GACTTGACTT CAGTTGTTAC
151 ATTGACTGGA GCAAAGGTAAC CCACCATGCC AGGCTTGAGA ACACCAGTCT
201 CCACTCGGCC CACAGGGACA GTGCCAATGC CTCCAATTTC ATAGACATCC
251 TGGAGGGGCA GTCGCAGGGG CTTGTCAGTT GGACGGAGTTG GTGGTAGGAT
301 ACAATCCAAA GCTTCCAGCA GCGTGGTGCC ACTGGCACTG CCATCTTGC
351 GGGACTTTCC ATCCCTTGAA CCAAGGCATA TTAGCAGTTG GCTCCAGCAT
401 GTTGTACCA TTCCAACCAG AAATTGGCAC AAATGCTACT GTGTCAGGGT
451 TGTAGCCAAT TTTCTTAATG TAGGTGCTGA C

ug304 Length: 507 May 30, 1996 10:47 AM Check: 5678 ..

1 GAATTCTTT AACTGTATTA CTGAATAACCT GAGGTAGTTG AGTAAAAATG
51 CACGTTTAAT ACCCTGCCAA CAGCGGCTGG CACTTCCCTT AGGTTATCCA
101 TGTTAGTGT AGAGAACAG GAGACAACAG CTCTTCTATT CTAATGGCTT
151 AATGTTGTGT TCCTCTGACA ATTCTACTTT GATCCAATTTC CAACAATTGG
201 ACTTAGGAAC AATCTAGTTT TAAATTATT TGATAAATTAGT AGTGAATGTA
251 CCATTTATDC CAATTTCTGG CATTATAGAG GGATATTAAG AAAAATTAGC
301 ACGTTTGTAA TACTTTGATA TCACAAGGGA AGTGCAGAGT TCTCTTCCT
351 TACCCCCACT TTTGTTGTGTT TGGGGTTTTT GTTTTTGTGTT TTATTTAGC
401 TGTTTTTGTGTCATGATACA AGTTWAGATG CCCTGGATGT TTGATTTG
451 ATGACATGCT ATGYCTTGT CAGTGGTGGT TCATTTGCAG TAAATYGATT
501 GAGGACA

ug305 Length: 429 May 30, 1996 10:47 AM Check: 8259 ..

1 GAATTCTGGA TATTAATGAG AGACTACGGG TATCGAGATA TCAAGAGTAG
51 GAATTAAATC ATACTCCCAA TAAGAGAAC A TATTCCCACA ACAGAAATAC
101 TCATTCCCCCT AATTGCAAGG AAGATTTAA GGCAGTGAGT CTCAAACTGT
151 AATCTTACCA CCAGCAGCTG TAATGCTGCA AAAATTCTCA GGTTCTACCC
201 AGACCTACTA GATCAGYBCT GGGGGTTAGC TAGGCAGCCT GTGTGCTAAC
251 AAGTCTCTCT GGGGACTCAG GTACACAATG AAGTTAAGA AAAGTGCTTT
301 TCAGGCTGGG GATACAGTTC HGTTGGGAGA ATCTTGCCTA ATATGTTCAA
351 GGCCCTGAGT TTGGTTATCA GCATTACATA AGTGTGTGTT TGTACATGCC
401 TGTCCCTCTTT GGGAGGTAGG AGATAAAAGG

ug306 Length: 274 June 11, 1996 2:20 PM Check: 9770 ..

1 GHCCCCCCGGC TAGAGCGGCT TTTTTTTTTT TTTTTTTTGT TTTTGAGGC
51 AGGGTTTCTC TGTATAGCCC TGGCTATCCT GGAACACTCACT CTGTAGACCA
101 GGCTGGCCTC GAACTCAGAA ATCTGCCTGC CTCGCCCTCCC CAGTCTGGGA
151 TTAAAGGGGT GCCCACCACT GCCCAGCTTT TTTTTTTTTT TTTAATCCTT
201 TTTATTTTTT TTAATAGCTA AGTGGTTTGA CTGGTTTCA GTGGTAGACC
251 ACGTGGAAAT GAGAATATTT ATCA

ug307 Length: 287 May 30, 1996 10:47 AM Check: 3892 ..

1 GAATTCCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTTCAGAAAG
51 CCAGTTTATT TCTAAGACTT TGTCATAAAA CTTTAGCGG GTACCAATAG
101 TTACCTGCCA TACTCGCACC AAGTTGCTG TATAGCCAGC AAACAGAGTC
151 TKGCCATCAG CAGACCATGC CAAAGAGGTA CACTGGGGTG GCTCTGCCTT
201 KCTGCTGGTG CTGATAACTT CTTCTTCAAT TCATCTACAA TGATCTTGC
251 CTCCAAGTYC CAGATCTTGA TGCTGVGCCA TGGCAGC

ug308 Length: 403 May 30, 1996 10:47 AM Check: 8787 ..

1 GAATTTCGCTC TCCTTCCCTC GGAACAAACAT TAGCTACCTG GTGCTCTCCA
51 TGATCAGCAT GGGGCTCTTC TCCATCGCTC CCCTCATTTA TGGCAGCATG
101 GAGATGTTCC CTCGGCACAG CAACTCTACC GCCATGGCAA GGCCTATCGC
151 TTCCCTGTTG GTTTTCTGTC TGTCTCTGTC ATGTACCTGG TGTTGGTACT
201 GGCAGTCCAA GTTCATGCCT GGCAACTGTA CTACAGAAA AACTCTTAG
251 ACTCTTGGTT CACCAGCACA CAGGAGAAGA AACBGAAATG AAGCCTGCTT
301 GATAAAACTGC TCTCGAGGGG TAAAACCTAG GBCTCCCATT GAGCAGCGTK
351 AAGGGAGCHG TCCAGACTCT CCATCGATTG TVGCATCTGT GATGTTKGVC
401 ACC

ug309 Length: 231 May 30, 1996 10:47 AM Check: 1251 ..

1 GAATTGGTT ACCATCGTTA AGCCAATCGT TTATGCCAAT GTTGCCAGGT
51 ACTTTGGAAA GAAGAGAGAA GAAGACGGGC ACACTCACCA GTGGACTGTG
101 TACGTGAAGC CCTACAGAAA CSAGGATATG TCAGCATATG TGAAGAAGAT
151 CCAGTTAAA TTACACGAAA GCTACGGCAA TCCTCTAAGA GTCGTCACCA
201 AGCCTCCATA TGAAATCACA GAAACARGAT G

ug310 Length: 321 May 30, 1996 10:47 AM Check: 8376 ..

1 GAATTGGCC ATCTGGCTTA GGTGCCTTAC ACTGGTTGCA TTCATTTCTC
51 CAAGAGAAAGT TCATGTTCTC ACATGTAGGA TTAGGACACT TCCAGTCTCC
101 AGCTCGTTGC TGTCCCTCCAC CTCCACCACC TCCACTGGGG AATCCTCCCC
151 GGCCACCACC ACCACTGCCA CCTCCCTCCAT AGCCTCCACG GCCCATGGGT
201 CCTCCTCGVC CTCGGCCTCM VCGACCATTT CCACCACCCC GATTGAAGTC
251 AGCTCGGCGG GTAGCAAATG AAAACTTTAA TAGGATTCCC AGAGAATTCT
301 TTACCATCAA AACMAGTCGA T

ug311 Length: 319 May 30, 1996 10:47 AM Check: 2652 ..

1 GAATTGGCG GCGTTATTT GGAGCAAATT CAGCTCCGG AGCTGGACGG
51 TTGAATGCAG GAGGAGTTC ACCAATTGCT CCAATCCTT CCATTGTTGC
101 AGCTTGGCCA AAACGTCAG TTGTTGGTGG GGTCAATCCA AGGGTTCCAT
151 CTGGCATCAT AGTGGCAGGT CCTGGAGGAG CTGGAGTACC AGGTGGCACA
201 GGAGCAGGGG GCATCGCGCC TCTATTGTTT ATGCCCATAG CACCTCCAT
251 AGCCATTGG CCCATCCGTA TCTCTVTTC TCTCGCATCA GGGAAAGGTT
301 CCTTGAATCC TTCCWCGT

ug312 Length: 286 May 30, 1996 10:47 AM Check: 7001 ..

1 GAATTCTTCC ATATTGTAT CATGTAGCTG TGCTTTAGC TTTTCATT
51 CAGCTAAAAT TTGTCATAA AGCTTTTGAGTCAGTTGA GTCATCCTT
101 TCTAGCCTGC TACTGTAAGG TTTCTGTCT TCTAAGTAAC TGTATGAAGC
151 AGAGCGACCC AGCAAGGAAT CATAACGATC ACTTGATGAT GTGGAAC
201 TGTCATACCT GGAAACAGAA TCCGTCTAGA AAGTAAAAAA AAAAAAAAT
251 TTCKGSCKC HCGADCAGGG AATTCCACCA CACTGG

ug313 Length: 379 May 30, 1996 10:47 AM Check: 225 ..

1 GAATTCCCAG TTCTGGCTG TTATAAATAA GGCTGCTATG AACATACTGG
51 AGAATGTGTC CTTATTGCAA GTTGAAACAT CTTCTGGTA TTTGTCCAGG
101 AGAGGAATTG CTGGATCTTC TGGTGGTGT TTTTTTCAA TTTTCCTGAAG
151 AACTGCCAGG CTGATTCCA GAGTGCTTGT ATTAGCTTGC AATCCCACCA
201 ACAATGGAGT GTTTCTTTCTCCACATCC TCGCCAGCAT CTGCTCTCAC
251 CTGAGTTTTGAHCTTAGAC ATTATGACYG GTGTGAGGTG GAATCTCAGG
301 GTTGTTTAA HGTGCATTYC CYTGATAATT AAGGATGTTG ACMTTCAGG
351 TGCTTCTCAG CCATTCAGTA TTCTCGT

ug314 Length: 319 May 30, 1996 10:47 AM Check: 4298 ..

1 GAATTTCGACA AACAGTAAGA CTTGACTGG A ATATCTAGTT ACAGAAATATC
51 CCAGGGAAATT CTTTGGTCTT ATCATTAA GGAAAAAGAA AAGCAACGGC
101 AAGCAGAATT ACAGGAGAAH GAAATCGCAG AAAAAAAGTT TAAAGAATGG
151 TTGGAAAATG CAAAAAATAA ACCTCGTYCG CTGCAAAGAG CTATGGTTAC
201 TCCAGTGGAA ACTTACAGGT TGGATTTAC GTCTGTGCTT ACATAAATAT
251 GGTTTGAGA AGCAAATGAT ATATATAGAA ATGTATAAAA GTAATTTTC
301 TTTGAAATTA TTATTTCT

ug315 Length: 104 May 30, 1996 10:47 AM Check: 8661 ..

1 GCGCTAGGCG AGCGCGCCTG CCTGAAGCTG CGCATTCGG ATCAGAAATG
51 ACCCAGTCGT CGTCCTCTCG GCACCGAAC G TATGATTCT CCSCCAGCAT
101 GCTT

ug316 Length: 87 May 30, 1996 10:47 AM Check: 868 ..

1 GCGGTAGGCG AGCGCGCCTG CCCTGAAGCT GCGCATTCCC GATCAGAAAT
51 ACCCAGTCGT CGTHCTCTCG CCCGAATCGT ATATTCT

ug317 Length: 260 May 30, 1996 10:47 AM Check: 4510 ..

1 GAATTCCGCT GCCTCAAGCT GGCTTAAGTC CTGCTGAGAT TCAGCAACTA
51 TGGAAAGAAG TGACTGGAGT CCATAGTATG GAAGACAACG GCATCAAGCA
101 TGGAGGGCTA GACCTCACGA CTAACAATTG CTCCTCGACT ACCTCCTCCA
151 CCACGTCCAA AGCATCTACC ACCCATCACA CATCATTCCA TAGTGAACGG
201 ACAGTCTTCA GTTCTGAATG CAAGGCAGGA CAGCTCATCA CATGAGGAGA
251 CTGGGGCCTC

ug318 Length: 163 May 30, 1996 10:48 AM Check: 8064 ..

1 GAATTCCGAG GCCAGCGCCG CGGTGGAGAA GCTAGTTCC GGCGTGCAGC
51 AGGCCGCCGA CTTCGCCGAG CAGTTTCGTT CCTACTCGGA GAGCGAGAAG
101 CAATGGAAAG MGCGCATGGA GTTCATCCTG CCACCTGCCT GACTACCGAG
151 ACCCACCCGA CGG

ug320 Length: 552 May 30, 1996 10:48 AM Check: 737 ..

1 GAATTCGTAC AGTCACCAAA GTCACATTTC AGAGGAAATC TTAATAGATC
51 TTCTCACAGC CAAAAATGCA AGAACGACAC ATTTTATAGT TTTAAGTTG
101 TATCTCAGAG CCTCAGTCCA TACAGAACAA AGTCAGCCCA ACAAATCAG
151 TTCAAGGAAA ACAAAAGTTA ATTTGCTTGG GCTTCCTAGC TAACACTTGG
201 CTATTTCCC ACTCAGGTGG AGGAGTGTGT AATTCTGCCA GTGCCCGGGA
251 GCTGAGCACC CAGGCTAAAA CACACAAAAA AACACAAGTT AGGTCCCTGGT
301 GCTGAGAAAG TTACAGTTAG AGCGGAGGCT GCTGACAGCC TGGAGTTCT
351 GGAATGATCA CAACTCCAGC AGCACAACT TGACTTACAA TTGRCAGCTC
401 TGCTCTACTC TGGGTCTGA AAACCCAGA GAGGCGCAAA GCTGACTCTA
451 AGAGGCAAGG TCTGTCTTGC TGTGTTCTA TTGCCACGAA GAGACACCAT
501 GACCAAGGCA ACTTTGAAAG CATTAAATTG GGGGGKTCAT GGATCCAAGG
551 GG

1996-05-30 10:48:00

ug321 Length: 434 May 30, 1996 10:48 AM Check: 4322 ..

1 GAATTCCCTGG AACTCACTCT GTAGATGAAG ACTGTAGCAG AACTCAGAGA
51 CCCACCTGCC TCTGCCTCTC AAGTACTGGG ACTAAAGGCA TGCAGCACTA
101 TTGCACTGCT GAGTTTGTT TTCTTTTCT TTCTTTTTT TTTTTTTTGG
151 TTTTTCAAGA CAGGGTTCT CTTTATAGCC CTGGCTGTCC TGGAACTCAC
201 TTTGTAGACC AGGCTGGCCT CGAACTCAGA AATACGCCTG CCTCTGCCTC
251 TGCCTCCCGA GTGCTGGGAT TAAAGGCATT CGCCACCAACG CCCGGCCTTC
301 TTTTTTTAAG ATTAAAAGTA AATTACTTT ATTAAATTAA AGTTATGTGT
351 GTGTTTTCT CTAGGTATGT ACATAAGAAT GCAGATGCC ACACAGGTCA
401 GAGGCATCAG ATCCTCCCTGG AGTTAAWGCT ACAA

ug322 Length: 426 May 30, 1996 10:48 AM Check: 2801 ..

1 GAATTCTGAG TGAGCTGACC CAAGGCCAT TGGGCTCAGA CCTTGCTGAA
51 TATGCTTGGT GACACCTAAA CCTGCGCGCT GTTCTCATTT TGGAACTGTG
101 TCTGGCTTTT GCTTTCCCTT CCGCACAGGA AACTATCATG AAATTCCCTC
151 CTTTGCTTTG GTGCCAAAGC TTCATCTCAT CCATTCTTC AGCAGCCATT
201 TCCTGAGTGT CTGCACTGTA CTGGGCCTGG TTAAAGGCCA GGGAAAAAGC
251 AGATGTTGGA AAAGAAGCCT GCATACTTCC GTAGAATGTA AGATGTAACT
301 CAGAGTTGAG AAAAGGGAGG GGTGACATTT GTAACTTTTT CCCTTGCTGT
351 ACAGTCTACA ATAAATTATA CTACATAAAA TTCTTTAACCA GTATTCTTA
401 ATGTAGCTGA CCCATTAGGA TGGAAA

ug323 Length: 452 May 30, 1996 10:48 AM Check: 2406 ..

1 GAATTTCGCTC CAACCATTCT GGTCAGGAAA GAGTGTGAGC ATGCTTCCTG
51 ACAACTGCTA GAAAAACTGT GAGTTGAGTA CACTGCTCCT CTTTATTATG
101 GCCCAAACCT CTGACCTTCG GTTTCTTTTG CAAGGAAC TG AAGAAAGAGC
151 TGAGACCTTT CTTATTCTGT GGAATGTCAG AGGAAGATCA CATGACAAAG
201 GCTGAACACT TTTAGCTTTG TTGTGTACTA AGTCCAGTGT ATCAAATAAG
251 AAAATAACTT ACTCTGGCTG CTGTAGGGTG GGAGATGAGT ATCATGGATT
301 CTAGACAAAG TGACCAACTC TCTCTCATAT ACAAAVCACA CTCTGGGGGR
351 CTCCCCAAAGC GATCTTCCTG AAAGCTAGAC TTCTGTTAAG TAACTCCAAC
401 AACACAGTCT CTTBGGTGAA TATGTAAGTT TTTTTAAAAT ATTTTTAAGA
451 AC

ug324 Length: 380 May 30, 1996 10:48 AM Check: 5652 ..

1 GAATTCCCTGC CATTTCAGG AGATTGCTGA GCATCTTCAC AAAAACAGA
51 ACTTTCCAAG TGCTGAGTAG GATCACCACC TAAATAATAC TCTTCTTGTC
101 CAAATTGCTC CATAGAGTCA CAGTACACTT CACTATCTGA ATCACTTGT
151 AAATGGTGTA TTCCTGAAGC ATCTTCACTG GGATCTTCAT TTCTATCTTG
201 GTGAGCACAG ACAATGGTGT TCTGTCTGCT GAGAGCTCTC ATCTCCAGGC
251 TTTTCATCTT CACVCTTCTG GTGCCCGGGA AGAATCAGTA TGAATGTCAC
301 TCTGTATATC CTGAACAAAG CTACCTTTAT AGCCATTGTA ACAATGATTT
351 CCAAATTCTT ATCTCTGATT YCYTCAGCTT

ug325 Length: 308 May 30, 1996 10:48 AM Check: 1633 ..

1 GAATTCCCGG CCGTCCCTCT TAATCATGGC CTCAGTTCCG AAAACCAACW
51 AAATAGAACY GCGGTCCSTAT TCCATTATTC CTAGCTGC GG TATCCAGGCG
101 GCTCGGGCCT GCTTTGAACA CTCTAATT TTCAAGTAA WCKCTTCGGG
151 CCCCCGGGGA CACTCAGCTA AGAGCATCGA GGGGGCKCCG AGAGGCAAGG
201 GGCGGGGACK GKCGGTGACT CGCCTYKCKG HKGACCGCYC KCTCCCCAAG
251 ATCCAAC TAC GAGCTTTTA ACTGCAGCAA CTTTAATATA CCTATTGGWG
301 CTGGAATT

ug326 Length: 479 May 30, 1996 10:48 AM Check: 9210 ..

1 GAATTCA GAC TTTGTCAAA AACTTTAGC GGGTACCAAT AGTTACCTGC
51 CATACTCGCA CCAAGTTGTC TGTATAGCCA GCAAACAGAG TCTGGCCATC
101 AGCAGACC AT GCCAAAGAGG TACACTGGGG TGGCTCTGCC TTGCTGCTGG
151 TGCTGATAAC TTCTTGCTTC AATTCA TCTA CAATGATCTT GCCCTCCAAG
201 TCCCAGATCT TGATGCTGGG CCAGTGGCAG CGCAGAGCCA GTAGCGGTTG
251 GGGCTGAAGC ACAAGGCATT GATGATGTCC CCACCATCTA AAGTGTAGAG
301 GTGCTTGCT TCATTGAGAT CCCACAGCAT AGCCTGGCCA TCCCTTGCCCTC
351 CAGAAGCACA GAGGGATCCA TCTGGAGAGA CAGTCACTGT GTTCAGGTAG
401 CCAGTKTKGG CCAATGTTGG TTGGGTCTTT AGCTTGCAGT TAGCCAGATT
451 CCACACCTTG ACCAGCTT KK TCCCATCCG

ug327 Length: 475 May 30, 1996 10:49 AM Check: 4600 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTGATCCGTG
101 CCGCCCWGGA CCTGTTGAAC GAGGTCGGCG TAGACGGTCT GACGACACGC
151 AAACCTGGCGG AACGGTTGGG GGTTCAAGCAG CGGGCGCTTT ACTGGCACCT
201 CAGGAACAAAG CGGGCGCTGC TCGACGCACT GGCCGAAGGCC ATGCTGGCGG
251 AGAATCATAAC GCATTGGTG CCGAGAGCCG ACGACGACTG GCGCTCATTT
301 CTGATCGGGA ATCCCGCAGC TTCAGGCAGG CGCTGCTCGC CTACCGCCAG
351 CACACTGGCG GCCTCGAGCA TGCATCTAGA GGGCCAATT CGCCCTATAG
401 TGAGTCGTAT TACAATTAC TGGCCGTCGT TTTACAACGT CGTGAUTGGG
451 AAAACCCTGG CGTTACCCAA CTTAA

ug328 Length: 543 May 30, 1996 10:49 AM Check: 7940 ..

1 GAATTCACTTA ACTGTGCTGT GATAGGATGT AGGGGGTGAA GTAAGAGGGT
51 AAGCGCCTGA TGTCCCTGGC TGCTTTGGAA ATGGCTGTTG CTGAGGTGGC
101 TGGAGCTGTG ATATTAAGA GTCCATCATG TCACCTCCTA TAGGAGAAGG
151 AGGGTTATCA TCCTCATTAA CAGATCTCT CCGAGCATCT TGATTGCTAT
201 CAACAAACAT GTTCAGGAAA GTCTTTAACATC CTGGTGCAGG ATAGAAGCCT
251 TCAACTAACT TGCTGTTATC AAAAAAGACTA TAGGCACCGT CCCGTATTGC
301 CACGACGCCT CGACTACGGC AGTATATGTC AATGCAGTAC ATGTTCCCTGA
351 AGGCCAGTCT GATGTGGGTG GATGATTGTG GTAAAATGGA GAAACCCYGG
401 TAGGCSGTGT TAGTCTCTG GTCAAGCCCA ACATGGAAC AGTAGGGAGT
451 TTGTTGATAG CATTAAATGG TGCCTGAGTA TCAAACAAAA CCTGTAATAA
501 CTGACCACAT TTGGTGTGTTT GTTTGAACAT TTCTGAAAGT TGA

ug329 Length: 409 May 30, 1996 10:49 AM Check: 1690 ..

1 GAATTGGCG GAGGCGGCGG CGGGCGAGGC GGGCGCGAGC GAGCGGGACC
51 CAGACGCGGG CGCGCCGCC GCAGGAGGCT CCGAGTACCA ATGAGTGCAA AGCGCGGAGA
101 TGGGCCGGCC CCAGGAGGCT CCGAGTACCA ATGAGTGCAA AGCGCGGAGA
151 GCGCGTCGG CGGCGGGGC GTCGCCCCGC GCTACTCCTG CCCCACCAAGA
201 GTCGGGCACC ATCCCCAAGA AGCGGCAAGA AGTTATGAAA TGGAATGGAT
251 GGGGCTACAA TGATTCCAAG TTCTTATTGA ATAAGAAGGG CCAGGTTGAG
301 CTGACTGGGA AAAGGTACCC ACTTAGTGCG TTGGTTTAC CAACTTTGAG
351 AGACTGGATC CAAAACACCC TTGGAGTAGT CTGGAGCATA AAACTACCTC
401 TAAAACATC

ug330 Length: 139 May 30, 1996 10:49 AM Check: 1543 ..

1 GAATTGAAAC ATTTGCTCAG GTATGAGGCA GGGTGAGAAA GCTGGGTGAG
51 CCTGCATCTA CAAACTGAGT GAATTATTTT CHHTCTGTGT GTGAATGTCA
101 GCATGACACC CTGAGTAGAA SCCAGACCC GTCCCCAT

ug331 Length: 382 June 11, 1996 2:20 PM Check: 641 ..

1 GAATTCCCTCA AATATCTATA TAATAATTAA CAACCGTTGT TGTGGAGATA
51 GGATCTCACT ACACAGTGCA CGATGCCCTC AAAATTATGT AGCTGAGGCT
101 AGTCTTAGCC TTCCAGGCGC TGGGGTTACA GATATGTGCT ATTACAACCA
151 GGCTTGGCTT ATACTCTTAG TATGCAAACA TAGTCTTCAT ATTTTTATAT
201 ACCTAATGCA TGCCTATTAT ACAATACACA AAATCATGCA AAGCTATCAC
251 AAAATTCTGT AGTAGAAACA ATTTGATTTA TGCCAACTGT ATGTCTCACA
301 TAACTCAATT CCTTCTTTTA AGAATGAAGT CTTCAATTTC AAGTGATAAT
351 TCTATTAAAA CTAGAATCAA CACAGTAAAA AT

ug332 Length: 319 May 30, 1996 10:49 AM Check: 133 ..

1 GAATTCCCTGC TATAATAACC TAAGCTATTA AGTCACAACA GTTTTAGCTT
51 TTCTTTTTAT AAGAGTTAA GATTTTATTT ATTTTTATTT TATGTGTATA
101 AGTATTTGTC TGTGCATCAT GTACATGCCT GGTGCCATA AAGGCAAGAA
151 GGGGACACTG GAATTACATC CCTGTAATTG AACAGGGTCC TCTGTAAGAG
201 CAGACAGTGC TTATAATTGT GAAGTCCTAT CTGTTAGVCC CCAGTTTTG
251 GTTTTCAAAA GGGGTAACTC TAAAAAAATAT TATARAACAG AACATGCTCA
301 AAATAAAATG TTGGCAAAA

ug333 Length: 261 May 30, 1996 10:47 AM Check: 4859 ..

1 GAATTCTGATG TTTCTGTCAGG AGAGATGAGG TAACAAACTA TTGATAACAA
51 CATAGCCATA AGAGACCAAT ACTGACTTCA AGACTCAAAA GAACACAGAC
101 CCTAAAAATCA CAGCTTTCAG GCAGTGTGTT TCTAGACCAC GGGGCAACTG
151 TACMGCACAA AGCAGCATGT GACAAGAAC ATCATTGACA AGGCAGTTCT
201 CATGGGGGAT GGAGCAGGCT AGTGGGGGTC GGGGTCACTG CYGGAAAMCT
251 TCAGACCGCA T

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ug334 Length: 557 May 30, 1996 10:47 AM Check: 8687 ..

1 GAATTCCGCGT CGGACCTGCG GAGCCCAGGA TGGTGTGCT CGAGAGCGAG
51 CAGTTCCCTGA CGGAGCTGAC CAGGCTCTTC CAGAAGTGCC GCTCGTCGGG
101 CAGCGTGTTC ATCACCCCTCA AGAAATATGA CGGTGCACC AACCTATCC
151 CGAGGAAGAG TTCTGTGGAG GCCCTCGAGC CTGCAGAAAA CAAGTGTCTG
201 TTGAGAGCCA CGGATGGAA AAGGAAGATC AGCACCGTGG TGAGCTCCAA
251 AGAAAGTGAAC AAGTTTCAGA TGGCCTATTG AAATCTACTG AGAGCCAACA
301 TGGACGGGCT GAAGAAGAGG GACAAGAAGA ACAAGAGTAA GAAGAGCAAA
351 CCAGCACAGT GACAGCGTT GGCTGCTACC AACCAAGCTGC ACAAGTGCAT
401 TTTTCCCTCTG TTTGCTGCTT TCAGCACCTC TGTATGTAAC TGTTTCCACG
451 GAAGGGTCCT TTAAGAGAGA AGGACTGGGA TGGGCATGGG CTAGTTGTBG
501 TAAGACGCCA KTTTTSATTG TGCYGTGTGG GCTGGATATT CTTAGATTCC
551 AGCCGTA

ug335 Length: 195 May 30, 1996 10:47 AM Check: 8327 ..

1 GAATTCCATT GGCAATTCT TTTCCAATT CCATAACTTT ATTCAATTCC
51 AAAGAGAGCT GGTTTTCATC AATAGGCAA CTTTGTTCCT GACGAATCAG
101 TCTGGCCACA GAAATCATAA AATCCACATA TGCTGTGCAA GCCTCTTTAT
151 ATAATCAGT GCACTCAGAC GCATGCCCYC AMGCATAGTT ACAAC

ug336 Length: 288 June 11, 1996 2:20 PM Check: 3359 ..

1 GAATTCCCTTG AGAATTAAAA TGAACGAAAA TCTATTTSCC TCATTCACTTA
51 CCCCAACAAT AATAGGATTC CCAATCGTTG TAGCCATCAT TATATTTCCCT
101 TCAATCCTAT TCCCATCCTC AAAACGCCCTA ATCAACAACC GTCTCCATTC
151 TTTCCAACAC TGACTAGTTA AACTTATTAT CAAACAAATA ATGCTAATCC
201 ACACACCAAA AGGGACGAAC ATGAACCCTA ATAATTGTTT CCCTAATCAT
251 ATTTTATTGGA TCAACAAATC TCCTAGGCCT TTTACCAC

ug337 Length: 197 May 30, 1996 10:47 AM Check: 3881 ..

1 GAATTCCCTTG TGTGCCTGGT CAGCTCCATA CACCCAGCAA TTCACCTGTA
51 AGATCTGTCC TGCTTTGGAG GCCGTGGAGT GGAGTCTTCC TTTTCAGGA
101 TGAAAGAAGT TGGCTTCTCC TAAAGACAAC AGTCTCAGAC AGGTCTCAAG
151 ATTCCCCTGTT CTCACACTTG AATGGGTCACT ACTGAGATCT TTCCGTC

ug338 Length: 229 May 30, 1996 10:47 AM Check: 9496 ..

1 GAATTCTGGA GTTCCCGCAGC TTGACCCACA CATTGCCAG AGGTGAGAAA
51 GTGGCCGCTG AGGTCTTGCT GCTTCCCTGA GGCGGGTTCC TTCACGAGAG
101 AGCAGTAGTC GTTCTCAAGG TGGGGAGCGA AGGGGCTGCT GGCCCCGCTG
151 CGGCHCGCCA CAGGACAGAC CATCGGAAGA GCTGTYVGCC TCAGAGTTAA
201 GGGATGGCTT CTTGGGGCCC AGGCGGGAG

ug339 Length: 57 May 30, 1996 10:47 AM Check: 2748 ..

1 GAATTCATGG AACTACTCCA TCAATAGGCA AAGTGGCATT GATTTTTATC
51 TCDATTT

ug340 Length: 356 May 30, 1996 10:47 AM Check: 1144 ..

1 GAATTCCCAA AAGTGAAATA AGATGTCCAC ATTAAAAAAA TAAAGCCTAC
51 AAAAAAGTTC TGGAGCTAAA AAAATTATTC ATATGGCACA ATGTGATCTC
101 CAAGGTCCAA AATATTGAAA TGAGATCCGT GTAAGCATCC TGTCTGCTTT
151 TCAATGCAGC ACTAACTTTA CTGAGGTGAA ATCACAAATT AGTTCTTCAG
201 TCAACAAGTG GACACAAATG TTTTCTACA GTTATTAAAA ACAGGAGATC
251 AAGTTGAATG TDCCGAAATG ATTTCTTCAG TTGGATATTT TAGTATCTTG
301 AAGAAAATTA GTDAAGGGAT ACTTGTGCGTT TCCATAGCYT GATAGACCAA
351 AACAAA

ug341 Length: 371 May 30, 1996 10:47 AM Check: 2538 ..

1 GAATTCCGCAC GCAAGCCCTA TCATACCACA GGAAACAGAG CACAAGAGAA
51 GTGTACAGTG GAGTGGGCAT SCGTAAAAAG ATGGTGTTC CAAGCAGAAG
101 TATATGCAA GRCTTGCTA AACAGAAACT GAACAGATAG CTTATACCAT
151 TAGATCAGAT TTTGAAGGGT TTTAGGATGC ATGGAGATGG GCCACTAGGG
201 TTGACTATGA CCGAGGTCAG GTATTATGTG TTTACTTAAG ATTCCCTTCT
251 DSCGATGAGA ATGCATTCTG ACTCCAGCAT GCACCAGGTG CGCTTDCTDC
301 CCAGADCTGG GATGCCAAT TCCAAGTGTG CCTAGCCTTG AGGATTGACC
351 TTGGSCCTGA GCATAGCCTG T

ug342 Length: 323 May 30, 1996 10:47 AM Check: 9374 ..

1 GAATTWCAGC TCWCHCTTCC TCAGTHCTTT CAAAGTCACA GGAACCTGGC
51 AATTTCCCTT TTCATTCCCC CTCCCACCTTC CCTGGTAAGT HCCCTCTCGGA
101 ATATCACAAG AGTTTCCAGA HCTGGTCGG ATCACCTTTC CTGTAATTAA
151 TTAATTATGA GAAGAACAG ACAGTACAAT AGATCTGATA AGATGTAGCA
201 TTCTTGTTAA GATTAACAA TACATTATC MAAYHGTATC AGAACAAATT
251 AACATAATAT TTAATCTTAT MMVCACCAAT ACCACAGGA ATTGTTATTT
301 CCAARDGGAG AGTCTTGTTA GAA

ug343 Length: 379 May 30, 1996 10:47 AM Check: 5972 ..

1 GAATTCTGTT TATGTAGCAT ATAAAATAATA TAAAATTAAA CATAAAGAAC
51 TTAGTATTTT ATTGTAAGTG AAAAAAATAA AACTAGAATT GTCATATTAA
101 TGGTCCTGCA TATCAAATAA TTTTCACCAA GTCTCTGTAA TACATACTAA
151 CAGCATTAGA CACAGGGAAA CAATCAAGAT GATCAAATTC ATAACAAAAA
201 ACTGTATTGC TAACATTGTA ACATTTTATA AGAGTTAATT GAATAGTGAC
251 CAAAGTTCTC CCTTAACCCCT TCCATCTGAT GACTGTGAGA TTGTTTTTA
301 AGTTTGCTGT AAAAGAAGAC TTGCCTTGGC CWMCTATACC TYCAACCAAT
351 CTATAGAATT CAGAGGACCA GGAGGGTAC

ug344 Length: 63 May 30, 1996 10:47 AM Check: 812 ..

1 GAATTCCAAC AGTMTGAAA GTAATTAAGA GAAATCACAA ACAGTTAAT
51 CTGTCTCCA AAT

ug345 Length: 193 May 30, 1996 10:47 AM Check: 4499 ..

1 GAATTCTTTT AATACAAGTT ATTGTCGAAG AAATCACTGG AGGGAGAAAA
51 AAAAAATCTT CTTCAWCCC CAACACTTAA AAAGTAACAC ATGAAAGGAG
101 AAATCTGGTA ACAAGCAGGA TAGACTTCAT TCTAGTAAAA AGAAATAATG
151 TTTCAAAACA CAATCTAAAG CAGGCTTCCA TTAGCAAAGA AAT

ug346 Length: 252 June 11, 1996 2:20 PM Check: 6730 ..

1 GAATTCGACG GCCGTTTTTT TTTTTTTTTT TTTTTTTTTC TTTTCTTTTC
51 TTTTCTCTTC TCTTCTCTTS TCTTCTCTTC TCTTTCTTTTC TTTCTTTCTT
101 TCTTTCTTTT TTGGTTTTTT TCGAGACAGG GTTTCTTTGT ATAGCCTGGC
151 TGTCTGGACT CACTCTGTAG ACAGGBGGCT CAAACTCAGA AATCTGCTGC
201 TCTGCTGTTG AGTGCTGGGA TAAAGGCGTG CCACACACTC GGCTGAGAYC
251 TG

ug347 Length: 103 May 30, 1996 10:47 AM Check: 2815 ..

1 GAATTGGAC AACAACTCCC ACAAGAAGAA CATCTCGAG AAACCCCTCA
51 GGCTCGCTAC GTGCGTGTCC TTCCAGTSTC CTGGCATAAC CGCATCACCC
101 TGC

ug348 Length: 153 May 30, 1996 10:48 AM Check: 7559 ..

1 GAATTCCAGA TCCCATTACA GATGGTTGTG AGCCACCATG TGGTTGTTGG
51 AAATTGAAC T CAGGACCTCT GGAAGAGCAG TCAGTGCTCT TAACCATCTC
101 CCCAGCCCCAT GTCTTACATG TTTRTTAAA TGAGGAACGA TAGTGTGGTS
151 ATT

ug349 Length: 337 June 11, 1996 2:20 PM Check: 2378 ..

1 GCGTTAGGCG AGCAGGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGGCCA GTCGTCGTCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TGCGTCGAGC AGCGCCCGCT TGTTCCCTGAA
151 GTGCCAGTAA AGGCCGGCT GCTGAACCCC CAACCGTTCG CCAGTTTGCG
201 TGTGTCAGA CCGTCTCCCG ACCTCGTTCA ACAGGTCCAG GGCBGBACGG
251 ATCACTGTAT TCGGCTGCAA CTTTGTATG CTTGACACTT TATCACTGAT
301 AAACATAATA TGTCCACCAA CTTATCAGTG ATAAAGA

ug350 Length: 281 June 11, 1996 2:20 PM Check: 8219 ..

1 GAATTCTTTT TTTTTTTTTT TTTAAAGACT TATTTATTAT TAAATATAAG
51 GACACTGTAA CTGTCCTTAG ACACACCAGA AGAGGGTGTGTC AGATCTCATT
101 ACCAATGGTT GTGAGCCACC ATGTGGTTGC TGGGATTGTA ACTCAGTATC
151 TTCAGAAGAG CAGTCAGTGC TCTTAACCAC TGAGCCAAT CTCCAGCCCC
201 CCAAAAGACA GCCAGCATTA CACTGAGCTT AGAGCCAGCC TGGTTATGTA
251 TCAAGTCTGT GTCTAAAAT GAAAAGTGAA A

ug351 Length: 262 June 11, 1996 2:20 PM Check: 8183 ..

1 GAATTCTTTC AACTCCAATC TCTGACTTTR CTCATTGCTT CTCAGCTTCA
51 AAATGCAAGC ACAGACTACA GCTAACTGAG AACTGGCTCC ACTCAGGGC
101 TATGGCGCAG GAGCCCTGAC GCATGCCTCC GCVGCTGCC CAGGCTCTTA
151 CCAGCAGGTA GTGCTGGCGG TGTTCAAGCTG CTGCCTCATG CTGGGCAGGC
201 TCTKCTGCCT GTGCAACATG TCTGACGGAA GTTAAGGCCT CCAGTCTAAC
251 AAGGTTTCTC AC

ug352 Length: 399 June 11, 1996 2:20 PM Check: 3974 ..

1 GAATTCTGTTT TTTTTAATGG CTTTTTGTAACATCGCTGCA GGAAGCGGGT
51 TTCTTTGTTT TCTTTTCTTT CTAAGAGAAG GTATCTCCCT GGTGCAATAG
101 CTCGGCACCG CGGGCGGGGG CCTCTCGACA CACCCCAGCC CTGGGCTCCT
151 CTGGCCTCCA AATCATTCAAG GATGGTGAGG GAGGATGGGA AGGAGGGGG
201 AGGGGGACAG GTAAATCGCA TCTGCGCCA CTTCTCTCTC TACCTCCTTT
251 TGGAGAACCA GCCAGCCCTGG ACCACTTTCT CCATCTTAGG ACAACTTGAG
301 GCTCCTTGCT CTCATCTGTG CTTCAGAGAA TTCCCTTCCC TCCHGGGTT
351 TGTCTGGTTC TCAGCAGGGT TCCCAGGCCA CTGTGCAGTG GCATCTAGC

ug353 Length: 632 May 30, 1996 10:48 AM Check: 6408 ..

1 GAATTGGGG GAGAAAGAGA GGGAGGGAGA AAGAGAGAGA GAGAGAGAGA
51 GAGATCTTGT TCTCCTGGCA CAATATTAAC TGTTTATAAT TAAGCTAAAA
101 ACTTGTCTG GTATTTTATG ACATCAGGGAA ATTCTTTCC TCTCTAGGCA
151 GATTGCCAAA AACAACTAGA AGCTAAATGC CTGTGCCTTC TGCTTCTACG
201 ACACACCAC CCGTCTTGTT CAGTTCAAC TAGCGTCGCT CTAAAAGGAC
251 AAAAAACTTC TTGTTTTCT AAATAAAACA TAAATGGCCC AGAATTGAA
301 TTGCCGATCT TAAAATTTA AGTGACTGAA GATTCTATTA ATTCTGGCAA
351 TAAAATCATT AAAACAAAAA CAGGTGCAT AAGACTTTTA AACAAATTCA
401 TCACAGGCAT GAGAATTAA GGTTTCTTT AAAATATAAA ATGCTAAAAC
451 AATAAGTCTA ACAGGAGAAT ATGAATAATA CMATATTCTA AGAAAAAAAC
501 CCACAAAGAC AAACATGACA TTTCATTCA AGCTCATTCA AATAAACCAA
551 GGATTAACC TTAGTTTAA CCTGTTAATT TTCCCTTTTR YTTTAGTATG
601 TCTGATGTCD CATGTACGRT ARCCAGAAGG CC

ug354 Length: 376 June 11, 1996 2:20 PM Check: 6563 ..

1 GAATTCAACCG GCTCGACGGC CGCTTTTTTT TTTTTTTTTT TACATAAAAA
51 GACTTTATTT GCAGGGGAGC AGGAATTAA TCAAACAAGC CAAATCCCAT
101 GTCGTCATCC GACTCCTCGG ACTCCTCCCT CTTCTCATCT TTCTTCTCCT
151 CTGCTGCAGC GGGGGCAGAA CCAGCAGCAG GTGCTGCAGA GCCAGGGCA
201 GCAGAAACAG CCACAGCCCC ACCAGCAGGC ACACTGGCCA GCTTGCCAAC
251 ACCCTGACGA TGACATCCTC AATGTTCTTT CCATTCAGCT CACTGATGAC
301 CTTGTTGAGC CGATCATCGT CCGCTTCGAT GCCCACCTGT CTAGTATTTT
351 CTTGATGTCT TTGGCACTAG GAGAGG

ug355 Length: 348 June 11, 1996 2:20 PM Check: 3983 ..

1 GAATTCRGCC GCTTTTDRRTT TTTCATTACG GTAAACAGGA ATATATTCA
51 ATGCTAACATRC CTCCCTTGAC CAGAAATGGA ACATGCTGAA GGATGAAGAC
101 AAGGATCTTT DVCCCTTGCT TGAGGTACCH GARCTGGTGA CGITCAGTTA
151 TTCTAACAGT GTCATTCACT CACAGTCATG GCCTGAACCA GAATGTGTGT
201 GTGTGGTAAA AATATCTGTC TTCACAACAG TTTCTGGTGC RTTGTAGAAT
251 AGCACATAAC TGCTTTCTRC AGTTTGTDCT TTGACAGTAT AATGTATGTT
301 GGTCAATATT AACCCAAATC ATCTCTCCCT CTAACATTGC AACACCCC

TGCCTCGGCGTC

ug356 Length: 468 June 11, 1996 2:20 PM Check: 967 ..

1 GAATTTCGCAC TTTTGATGTG TCAATCCTCA CTATTGAGGA TGGAATTTTT
51 GAGGTCAAAT CAACAGCTGG AGACACCCAC TTAGGTGGAG AGATTTGAC
101 AACCGAATGG TCAATCATTT CATTGCTGAG TTCAAGCGAA AGCACAAAGAA
151 AGACATCAGT GAGAACAAAGA GAGCTGTCCG CCGTCTCCGC ACGGCCTGCG
201 AGCGGCCAAG CGCACCCCTCT CCTCCAGCAC CCAGGCCAGT ATTGAGATTG
251 ATTCTCTCTA TGAGGGAATT GACTTCTATA CCTCCATTAC CCGGGCTCGA
301 TTGAGGAGT TGAATGCTGA CCTGTTCCGT GGCACACTGG ACCCTGTAGA
351 GAAGGCCCTT CGAGATGCCA AGCTGGACAA GTCACAGATC CATGATATTG
401 TCTTGGTGGG TGGTTCTACC AGAATYCCAAGA AGATTCAAAA CTTCTGCAAG
451 ACTTCTTCAA TGGAAAAG

ug357 Length: 381 June 11, 1996 2:20 PM Check: 7467 ..

1 GAATTCGTCT TCAACGGCTT CTGTAAATCT CGGTGACCCC ACAAGGCGTA
51 CTGAAGGAGA TTACTTATCG TACAGAGAGT TACATTCAAT GGGAAAGAACT
101 CCAGTCATGT CAGGATCACA GAGACCTCTT TCTGCACGAG CGTACAGCAT
151 CGATGGCCA AATAACATCCA GGCTCAGAG TGCCCGTCCC TCTATTAAATG
201 AAATACCAGA GAGAACTATG TCAGTTAGTG ATTCAATTAA CTCACGGACT
251 AGTCCTTCAA AAAGACCAAA TACAAGGGTC GGGTCTGAAC ATTCTCTGTT
301 AGATCCTCCA GGAAAAAGCA AGGTTCTCA TGACTGGCGG GACAGTACTA
351 CGACACATTG AGGCCAAAAA GTTAGAAAAG G

ug358 Length: 239 June 11, 1996 2:20 PM Check: 52 ..

1 GAATTCCCCG ACTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTTTTTTTTT
51 TCCAAGCAAA CCAACACACT TTACTGTGGC GCAGGCTGCC TCAGACTGTT
101 ACTTATTCTCA GCCCAAGAAC TAGAAGGACT TGACCAGCTT GGACAGGCAT
151 CTGCTCMGCT CCAGGCTTCC ACGAGTCCTG GCACAGAAGG GTTCTCTGAA
201 AAGTCTACCA CAGGAACGTGT GTCTCGGCAC ATGCCAAGT

ug359 Length: 391 June 11, 1996 2:20 PM Check: 9363 ..

1 GAATTCAATG AACACATACAT TCAGAAGCTT TTCTCATTCT CTTGAACAAAC
51 ACAAAAGTCAA AAGTGATAAT AATGGTGCAG AAGGTGTAAC AGCTTTTCC
101 TGTAATACAC AGGTAACTCT CCTCCTAACAA GTATTTGGTG AAGATGATCA
151 ATCTCAGGAT GTTATAAGAT TCGGTCAAGA TGTTAATGAT TATAACCGGA
201 GATTCTCAGG GCAGCCTAGA TCTGTAAGTA ATATTATAGC AGCTACAAAG
251 TCAGAGAGAG CCTTTATACT TTTTGTACAA TCAGATTTAT CAACCAGCTA
301 TTGAACTATG TAAAGTCTTA GTATGTVTCG ACTAAGTTT AACCTTCATC
351 ATTGCCAGTH GCTAGTHHCC CAGAGAGCAG AGTTTATCTA T

ug360 Length: 264 June 11, 1996 2:20 PM Check: 3775 ..

1 GAATTCCCCG GCTCGAGCGG CCGCTTTTT TTTAAGTAGA TTTAGCTTGC
51 GGACCCCCCTG GTGTGACAGA GAAGGCCAG CAAAGTAAAA AGTAGCTAAA
101 AGCTGAGGCC TATGACCCCA AAGCCCTTGC TAACTTCCCC TTGCTAACTT
151 CCTCCTGACC AGAGGTCTCC TGCBGCCAGC AGGAATGAAG CACACTAGCC
201 TTAGAGGCAG GTCTGCGCTG TGGGTCTGTG GAAGCCTCCA GCCTTTCTCA
251 GCCTCCTGCT AAGG

ug361 Length: 266 June 11, 1996 2:20 PM Check: 7790 ..

1 GAATTCCCTCG GTCAAACCTCC CCACCTGGCA CTGTCCCCGG AGCGGGTCCG
51 CCCCCCGCAC GCGCGGGACG GACGCTTGBB GCCAGAAGCG AGAGCCCTC
101 GGGGCTCGCC CCCCGGCCTC ACCGGGTCAAG TGAAAAAAACG ATGAGAGTAG
151 TGGTATTTCA CGGGCGGCC GCGAGGCBGG CGTGCCCCGA CCCCAGCG
201 AGGACGGGGC CCCGGCCTCC CACTTATTCT ACCCTCTCAT GTCTCTMCAC
251 CGTGCCAGAC TAGAGT

ug362 Length: 341 June 11, 1996 2:20 PM Check: 6247 ..

1 GCGGTAGGCG AGCAGCGCCT GCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGCGCCA GTCGTCGTCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TGCGTCGAGC AGCGCCCGCT TGTTCCCTGAA
151 GTGCCAGTAA AGCGCCGGCT GCTGAACCCC CAACCGTTCG CCAGTTTGCG
201 TGTCGTCAGA CCGTCTACCC GACCTCGTTC AACAGGTCCA GGGCGCACGG
251 ATCACTGTAT THGGCTGCAA CTTTGTCAAG CTTGACACTT TATCACTGAT
301 AAACATAATA TGTCCACCAA CTTATCAGTG ATAAAGAAC C

ug363 Length: 369 June 11, 1996 2:20 PM Check: 4609 ..

1 GAATTCACTTT TATTGAAAGC AACCTTAATC CCAACACTTA TTATTATTAC
51 CCGATGAGGG AACCAAACGT AACGCCTAAA CGCAGGGATT TATTTCCSTAT
101 TTTATACCCCT AATCGGTTCT ATTHCACTGC TAATGCCCT CATCTTAATC
151 CAAAACCATG TAGGAACCCCT AAACCTCATA ATTTTATCAT TCACAACACA
201 CACCTTAGAC GCTTCATGAT CTAACAACCTT ACTATGGTTG GCATGCATAA
251 TAGCATTTCT TATTAATAA CCATTATATG GAGTTCACCT ATGACTACCA
301 AAAGCCCCATG TTGAAGCTCC AATTGCTGGG TCAATAATTC TAGCAGCTAT
351 TCTTCTAAAA TTAGGTAGT

ug364 Length: 210 June 11, 1996 2:20 PM Check: 4755 ..

1 GAATTCCACA GATGTACAAG CTTAAAGATT TGAAAGGGAA ACCTGAGAGT
51 GAACAGAGGA AAGAAAGAAA GAAGGAAAGG AAGAAAGGAA GAAAGGAAGA
101 AAGGAAGAAA GGAAGAAAGA AAGAAAGAAA GAAAGAAAGA AAGAAAGAAA
151 GAAAGAAAGA AAGAAAGAAA GAAAGAAAGA GMGAGCGAGC ATCATTTC
201 AAGTTGGTTT

ug365 Length: 396 June 11, 1996 2:20 PM Check: 5481 ..

1 GAATTCGCTT GCTGTGACTG GTCCACAATT CCTTTCTTGT CATCACCAAGC
51 AGCAACCTCG GCCAAGTAAC GGTAGTAGTC ACCCTTCATT TTCAAATAGA
101 AGACTTTGCT TTCTGGTTGC GAASATTGGG GATCAAGAAC TTTTCCAAGAA
151 GAGACAGTAC ATCGTTGCAG ATGTCACGCCA GCTCCGTCTC GATCTTCTCT
201 CTGTATTCTC GAGCCATCTC TGCTTTTCT CAGCACCTH CGTCTTCTGC
251 TCAATACTTG AGACGACCCT CCACGATGAC CTACGGGCTC CTACAACGTT
301 TTTATAAGCA ACAGAGAGAA GGTTTCTCTC CTCATWCGAC AGCTCAGCTC
351 CCTCTCAGTG ACAGACTTYA TKCAGGCTGC CATGTCATCA TATCGC

ug366 Length: 286 June 11, 1996 2:20 PM Check: 5916 ..

1 GAATTGCCG CTTTTTTTTT TTTTTTTTCC CACGGAAC TG ATATATCACG
51 ATGGAGAGAA CAATGTCTAT GGCTGCACAA ATCCAGAAAT ACTAGAAGAA
101 AACTAGCCGA AACTTCTTGC TAAATGTGTA ATGTAACATAT TGATTACTGA
151 CATCCTTCCG TTTAAATCCT ATGTGTTGAA AATGCAATCT TGGGCAGCCT
201 GGGGACAAAT GTTCAGTGGA TGCTTCAAGT TGAAATCTGC TGCATTGGCA
251 TGAGGTTTGG TGAAMCTGCM AAGTCACAGC CTGTGC

ug367 Length: 200 June 11, 1996 2:20 PM Check: 4823 ..

1 GAATTCAAAGA CGTAGGCAGT ACACAGCAGC AGTTCCCTGAG TGTCCCTGTT
51 TGTCACAACC TGGAGGATGG TGAAGTTCTC CAGGACACTG TTCATCATGT
101 AGCGTTCAAGG CAGCTGACGG AGCTTGTGCA GGAAATTAAC CAGGTACTCA
151 CACATGGGAG AGCCGASAGA CGGTACACAA AGCGCCCGTC CTCCAGCTGG

ug368 Length: 287 June 11, 1996 2:20 PM Check: 6058 ..

1 GAATTCTTTC TTTCTTTCTT CTTCTTCTTT TTCTTCTTCT CCTTCTTCAC
51 ATTTTACAGT ATGCATATCT GTCTTAAGTA CAAATAGAAT TAAGTACAAA
101 CAGTATAGGA ATAAAATTGG AATTAAAAGT TTGADCTCTT ACATGGCTCA
151 GTTGGTAGTG CTGTCTGTGC AAGCATATAC TAAGCCAGAT ATGGTGGTGT
201 GTGATTGTCA TCTCAGCATT AAGGGKGGCA GAGACAGGTG TDCCCTTGGG
251 TTWCSGCTAG TTAGTCGAGC CAGAATTGCA AGCTCCA

ug368 Length: 287 June 24, 1996 7:08 PM Check: 6058 ..

1 GAATTCTTTC TTTCTTTCTT CTTCTTCTTT TTCTTCTTCT CCTTCTTCAC
51 ATTTTACAGT ATGCATATCT GTCTTAAGTA CAAATAGAAT TAAGTACAAA
101 CAGTATAGGA ATAAAATTGG AATTAAAAGT TTGADCTCTT ACATGGCTCA
151 GTTGGTAGTG CTGTCTGTGC AAGCATATAC TAAGCCAGAT ATGGTGGTGT
201 GTGATTGTCA TCTCAGCATT AAGGGKGGCA GAGACAGGTG TDCCCTTGGG
251 TTWCSGCTAG TTAGTCGAGC CAGAATTGCA AGCTCCA

ug369 Length: 392 June 11, 1996 2:20 PM Check: 6094 ..

1 GAATTCCCAA ATGAACTCTC ACTTCTTAGG GCTTGAGTTC CAGAAGTACT
51 GGGGAAAGAC TAAAGCCACA GAAGTGTGTA TGGGGGACTG GGGAGATTCC
101 TCAATGGGAG AATTCAAGGTC CCCAGGTCCC GGACTTGGCA ATGTGCCTTT
151 TAACTGAGAT CCTTGGGCT GGTGAGACAG AATGTCAGGC TCCCGCTGAC
201 CCAGTGGTTC TCAATCTTCC TGTGCTGTGA CCCTTAAATA TAGTTCACAT
251 TGTAGTGACC CCAGCCATGA AATTTTHGTT GCTATTTAT AACCGTGAGT
301 TTGTTGTAT GAACTGTAAT GTAAATTGT TTTCAATGG GTCACAGGGC
351 GACCCCCCAA AGTGGTGGCG GCACAGGTG AGAACCACTG GG

ug370 Length: 382 June 11, 1996 2:20 PM Check: 8064 ..

1 GAATTCCGG CGCTTTTTT TTTTTTTTTT TTTTTTATTG TCAAGTATT
51 ATTTATACCT ACAAAAGAAA ACAAGATGGT ATCAAAAGGA CAATTTACAA
101 ACTAAGAATA GTAGTAACAT AGCTCTGAGC ATCCTGTGCA TAACATCACA
151 CCTACAATTC AAGTCTCAAT GACAGGAATG TGTGGAGAGA CCAGCAAGGG
201 CGTTAGCAGA GCACTGATCC CAAGCAAAAG CCACCAACCT TTTTTAGATG
251 AGAAGTCTGC ACAATGGATG GTTAGGGAGA AGCAGCCCAC AGCCTAACAC
301 CTAGBCTTCC TAAGTGAGTA ACCATAACGG CATTAAACCA GCTGGAAGGG
351 TTTGCTGCAC CTGTGCTGAC AAAGGACAGA CA

ug371 Length: 264 May 30, 1996 10:48 AM Check: 9041 ..

1 GAATTCCCCG GCCCTGGCAC AGAGGACTAG GTGTGAGAGT GTGAGGTTCC
51 CACCCCCACC TTTCCTGCGC BGCTCCCTCC CCCCGACACA GCCACCCCTCC
101 GTGCTCACCB BCTGGGAGCT TGTTGCTTCT TGTTCAAGGB GCGTAATTBC
151 GACACTCTCT AGGGCGCAGG GAGCCCTGAT TTACATATTT CTCCBGAGTB
201 CBTTCCCTGG TAGGGATTCT CTCTTBGGTT CTGACACCAAG GGACAAGAGT
251 BCARACTGGA AAAA

ug372 Length: 337 May 30, 1996 10:48 AM Check: 9759 ..

1 GAATTCAAGAA CCAGAAGCCA AAARCCAATA AAAACAAAAAA TACTAMCAAG
51 TCACTIWCCA GCTTTAAATG TTTAAATATT GCATGGATCA ATTTTAGAAG
101 GGCATTGTAT GTAAGGCATA CTGTRGCATT TCAGTCACCA AAAGAAACAA
151 TCTTCCTAAA TCACTAGCTT CTAGGCTGCD CTTCTCAATC ATGTGTCTGT
201 CTGTCTGTCT GTCTGTCTGT CTGTCTGTG TAGCCCAGAC TGACTGACCT
251 TTGTTCCAC CTTCCAAGTA CTGGTATGAT AAGTGTRCWG RATTATCCTG
301 GCTTAGTCTT TGAAAGTAGA ACHGAGCAAT AGGGAAC

ug373 Length: 280 May 30, 1996 10:48 AM Check: 3614 ..

1 GAATTTCAGCT CACGGAAGAT GTTGCTAAAT TGGAAAGAGA AATGGAGCAA
51 AAACACAGGG AAGAWCTGGA GCAATTGAAG CAATTGACTT TCAAGGACAG
101 TAAGATAGAT TCTGTTGCTG TTAACATTTC AAACCTGGTA CTTGAGAAC
151 AKCCACCTCG GATTCAAAA GCACAAAAGA GACGGGAAAA GAWGKCTGCA
201 TTGGAAAAGG AGCGGGAAGA AAGGATAGCA GWGKCTGAAA TTGAGAACTT
251 ATCTGGAGCC AGACACCTTG AGAGTGAAAA

ug374 Length: 408 May 30, 1996 10:48 AM Check: 5027 ..

1 GAATTCGTTT TATTGGAAA TGTATGCAAT TCACCTTCAG TTTTGAGAA
51 CACCTAGCAA GCATCCAAGA AGACAGCACA CACAGTTCA AAGGAACAAG
101 GACAGACAAA AGGGCTGGTG GCCATCCCAG GGACATTGCC TTGAAAAGTA
151 AGTAAACTGG GTGTCATAAA TAAGACTTTC TTACTTTATA AGAAGGAAGA
201 ATCAAGATCC TGTTTGATG TGTATTAAAT ATAAAATATA AAATACTCTC
251 TGACCCAGAC GAGGGTGGRV GAAATCCTCC ATCCAACACC TCAAGTTCA
301 TGCAATAAAA TCCAGAGGTC TGTTGAATCC GCCTYTCGAT YCATGTACTG
351 CCTGTACTYC CTCTTTGAG ACACGTTGAT GGCA TAGGCA TTACAGAGCC
401 GTCTACCT

ug375 Length: 247 May 30, 1996 10:48 AM Check: 4550 ..

1 GCGTAGGCAGA GCAGCGCCTG CCTGAAGCTG CGGGCATTCC CGATCAGAAA
51 TGAGCGCCAG TCGTCGTCGG CTCTCGGCAC CGAATGCGTA TGATTCTCCG
101 CCAGCATGGC TTCGGCCAGT GCGTCGAGCA GCGCCCGCTT GTTCCTGAAG
151 TGCCAGTAAA GCGCCGGCTG CTGAACCCCC AACCGTTCCG CCAGTTGCG
201 TGTCGTCAGA CCGTCTACCC GACCTCGTTC AACAGGTCCA GGGCGGC

F022280 215226560

ug376 Length: 374 May 30, 1996 10:48 AM Check: 2627 ..

1 GAATTCTTCA TGTGTAAGCA ATACCTACTG GTGATGTCGG ATGCCCTGGA
51 GCTGGAGTTA TCGGCATTTG TGATGATCCT ATTTGTAGGC ACAGGAAACA
101 AACTTCTGCA AGAGAAGAAA AGACTCTTAA CTGCTGAGCC ATCTCTCAGG
151 CCCCCAACCT CTCCATTTTC TGCTAATTAA ACCTTTCCCT HMCTCAGCCT
201 TGATTCATGC CCATAATTAA CCTCGACACA TTTCATTCTC AAAGAAATAC
251 CATTACTCCT TAGGGATTGT CTCTTGGATC CTTCTGAGAT TGATCGTTAT
301 GAATGTAAAA GCACGGGGGG GGGGGGGCAG AAATCACAAAC TGTAAATTCA
351 CATCCTACCT CTCGTGCCTG GAAT

ug377 Length: 381 May 30, 1996 10:49 AM Check: 3113 ..

1 GAATTCCCTCC TACAACCTTCA TTAAC TGCGT ACTCCCTTATT ATCAACATTT
51 CCCTGCGACT TCTTACAATT GGCATACTCC TCAAGAATGG CATCGACATT
101 CTTTTTAGCA GGGAGCTGGA ACAACTGCTT CTGCCCTCGTA ACCAAGTCCC
151 AGTCCTCCAC CAGCCACGGT TTTAATTCTT CAGGGATCTT CACCTTCACC
201 TCCATCCTAC TCTTGAAATGC CTCCGCTCTC CACAGTGGGG TCAGCCCCGTG
251 CCCTTTTCTT CCGAGGGGGC TGGGGGACTT CACTGGTACH GCCTCCGTCT
301 CCGTTGCCAG GAGCCTTCCT TGTTCATHCHG GTCTTHVGCA CAGAACCGGA
351 AGGARGGTTTC TCAGCAGAGC GAGCCTCCCC A

ug378 Length: 190 May 30, 1996 10:49 AM Check: 455 ..

1 GAATTCGCTT GCTGGAGAGA GAGCACTCCG CCGGGGGTCG GTGAAGTATC
51 CCAAGATGGC TGGCGTAAA CTTGCTCTAA AAACCATTGA TGGGTATCTT
101 TTGTGGAGGT CATGCCCAW AACCAAGG CAATGGAAAT VCCCTGAAGT
151 CCTGGAATGA GACCTTCCAC CCAGGTTGGC TAGTCTGTCT

1002280 "X642E66660

ug379 Length: 191 May 30, 1996 10:49 AM Check: 8960 ..

1 GAATTCCGAG CTTGAGGCAC AGACGAACCTT CACCAAGAGA GAACTGCAAG
51 TCTTGTACMG GGGATTCAAA AACGAGTGCC CTAGCGGTGT GGTCAATGAA
101 GAWACATTCA AGCAGATCTA CGCTCAGTTT TTMMCTCACG GAGATGCCAG
151 CACATATGCA CATTAMCTCT TCAATCTTCG ACACACCCAG A

ug380 Length: 252 May 30, 1996 10:49 AM Check: 9090 ..

1 GAATTCCGGC TCGAGCGGSC GCTTTTTTTT TTTTTTTTTG GCTGTGTACA
51 CAGGGTGCTT TATTCTCCAC AGAGTGATAC ATGCTAAGGT GGGCTGGCT
101 TGGYCGATGT BCCCATATGT ACAGAACTGA ATAAAGTGGG TCTCTGAGAG
151 GTCTGAGTCG CCTTGGTGTG AAARGGACAT GGGAGGAGG AGGCTGTTAA
201 GACCAGAGTT GTTAGTCTGT GCTGTCTGAC TGGATGTAGG GAGGTAGGCA
251 GC

ug381 Length: 379 June 24, 1996 7:08 PM Check: 7584 ..

1 GAATTCCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTATCTTCA
51 AGCTTTTATT TAAGTGCACT GACTTAAGAA TGATTTAAAT CTTGTTAAAA
101 GCAGCCACAT CCATGGACTG TACGTAGTCC TCAAAAGCAG TAATTTGCTC
151 TTCCAGCATA TCCGTTCCAA CCTTATCATC TTCAACTACA CACTGTATTT
201 GAAGCTTTTT AATTCCATAT CCCACTGGAA CCAATTTAGA GGAGCCCCAC
251 ACCAGGGCAT CTGCTTGAAT GCTTCGGACA CACTCCTCTA GTTTTGTCA
301 GTCCGTCTCA TCATCCCAAG GCTTCACGTC TAGTAGGATT GGAAGACTTC
351 GCAACAACTG CAGGCTTTTT AGCTTTCTT

ug382 Length: 296 June 24, 1996 7:08 PM Check: 6352 ..

1 GAATTCTGA GAGCAGGTCC TGTAGAGCCT GGCGGACAGC ATTACACTCT
51 GCCACAATGC CTCCCGACGG TCATCACGTG TGCAGGATGA GTCAGCCATC
101 AGGGCAGCCC CACTAATAAT GCTTTCAGG CGCTCCTCCA GGGACGGCCT
151 AAAGCGCTCC TYYTGAAGCT CAAGKKGTCC ACAATGATTT GTTTATCAA
201 GTTGTGAGA GCGTATCCAG CTCTCCGCCA CTGCCACCCCT GGTGCTGGGC
251 AGCATCATCT GATGCAGTMG CCTGGGCTGC ATTAGAAATT TCCTGT

ug383 Length: 296 June 24, 1996 7:08 PM Check: 6342 ..

1 GAATTCTTCA GAACTAAAAA AAATATTTCA TTTCATTCTG AATAAAAAC
51 AGAACAGACA GAACTCTTGT AAATTCTGAA AACAAATGTCG TCGCTACGGA
101 AAATTCACA GAAATCATCA GGGGGTGTGG GGACCAAGGT GCCTGCCCTG
151 CCACGAGCGC CACCTATCTG CAGTCCCAGA GGAGGCTTTT AGGGACCAGC
201 ACAGGTGGTG GCAGAGCCTG AATCAAGCTC AGGACCGAGC TTCTACCTGC
251 TGCACCAAGA CCCGGTGGCC CAGAGGGCAG CCTAGGGTCT YCAGGA

ug384 Length: 299 June 24, 1996 7:08 PM Check: 665 ..

1 GAATTCCCAT CAGAAAAAAA AAAAAACTTT GCAGCCAGCT CTACTTGAAA
51 GCATGGAGAT GTGAATAAAAG ATGCCTAGGC TTGCTAGTGT GATTAGCCAT
101 CTCCTGACCT GGAAATAAGA CCCAAAGGC AAAACAAGAA TAAAACCTGA
151 CAGACACCTC CTATTTACAT CCAGCTATGT ACAATTCAAT AAATTAAAGT
201 TTAACCTTCT GAGCAGTCAT ATTCCACCTA TTTACAAGAG ATATCAAATA
251 ATTACATAAA TCCTTTGTCC AATGTCGTGT BTCCCKCTTTA TTATTATCT

ug385 Length: 256 June 24, 1996 7:08 PM Check: 7999 ..

1 GAATTCCGCG GCCTGGCCT AGTGGCTAA CAGTAGCGAC AGCAGCAGCG
51 GCGGCAGCGG CGGCAGCSAC TTCCCGTGGC GAGCACAGGC CCGGAAGCCC
101 GCACAGGCCA GTAGAGAAAA TGGCAGACGA TATTGATATT GAAGCCATGC
151 TTGAGGCCCC TTACAAGAAC GTGAGAAAAC ACGCTAGTGA GGCTTTAATA
201 TATTTCTTAA TTTAGCATTAA TTCACGAAAC TWCTGCTGAA ATGTAAACTA
251 ACCTTC

ug386 Length: 238 June 24, 1996 7:08 PM Check: 4998 ..

1 GCGTAGGCCA GCAGCGCCTG CCTGAAGCTG CGGGCATTCG CGATCAGAAA
51 TGAGCGCCAG TCGTCGTCGG CTCTCGGCAC CGAATGCGTA TGATTCTCCG
101 CCAGCATGGC TTCCGCCAGT GCGTCGAGCD GCBCCCGCTT GTTCCTGAAG
151 TGCCAGTAAA GCBCCGGCTG CTGAACCCCC AACCGTCBC CAGTTTGCTG
201 TGTCAAGACCG TCTCCGACC TCGTTCAACA GGTCCAGG

ug387 Length: 348 June 24, 1996 7:08 PM Check: 1181 ..

1 GAATTCTTG CTACAAGCTG GGACAGCTGC AAGAGGAGTG GCAGAGCAGG
51 CTCCCGTTGT CTCTCAAGTC TTTTTCCCT GACTAATTGG AATTCACTAGG
101 GGTAAATTAT AGAGGGTGTG GGAAGTACAT TTTGTTGCAA CCTGACAGTG
151 ACTGTGAGTT CCTCATTAAC CACCATACAT GGGCTCTGTT CTAAGTCTGC
201 TGTGTATCA ACTGTCTAAT TGTCTAATT GTCTAATTAA GTCTTAGTG
251 TTCTTGAGG ATTTAGGTAC CAGTGTACCA TTTAGCAAAT AAGCAAACG
301 AGGCACSAAGG GTTAAGACT GCTTAGGAAA CCATAGGCAA TGAGTGGT

ug388 Length: 241 June 24, 1996 7:08 PM Check: 6695 ..

1 GAATTTCGCTT TTTCTTGTTGAACAGTAGT GGTGAGGCCT ATGTTTTAT
51 GTGGCTTAG AGAAAACCTTC AGTCTTCAAW GAACTCTTCT AATTAGTTCC
101 TTCTTAGAAA AAGTTATGCG TTAATTTGTT TCAAAATATT TAGGCATTCT
151 TTGAATTATA AACTTGTGAT GCAGGGATTG ATGAATGAGA CGTTCACATG
201 TGAAGATGAC TTCACTAWGC ATCTGTGTAACAGAATAAG A

ug389 Length: 329 June 11, 1996 2:20 PM Check: 7452 ..

1 GCGCGGATTC TTTATCACTG ATAAGTTGGT GGACATATTA TGTTTATCAG
51 TGATAAAAGTG TCAAGCATGA CAAAGTTGCA GCCGAATACA GTDATCCGTG
101 CCGCCCTGGA CCTGTTGAAC SAGGTCGGCG TAGACGGTCT GACGACACGC
151 AAACCTGGCGG AACGGTTGGG GGTTCAAGCAG CCGGCGCTTT ACTGGCACTT
201 CAGGAACCAG CGGGCGCTGC TCGACBCACT GGCGAAGGCC ATBCTGGCGG
251 AGAACATAC CCATTCGGTG CCGAGAGCCG ACGACGACTG GCGCCCATTG
301 TGATCGGGAA TTCCCCCAGC TTHAGGCAG

ug390 Length: 261 June 24, 1996 7:08 PM Check: 8757 ..

1 GAATTCCGCG GCCTGGGCCT AGTGGCTTAA CAGTAGCGAC AGCAGCAGCG
51 CGGGCGGCDG CGGCAGCSAC TTCCCGTGGC GAGCACAGGC CGGGAAGCCG
101 CACAGGCGAG TAGAGAAAAT GGCAGACGAT ATTGATATTG AAGCCATGGC
151 TTGAGGGCCC CTTACAAGAA GGTGAGAAAA ACACGCTAGK GAGCTTTAAT
201 ATATTTCTTA ATTTAGCATT ATTACGAAA CTHCTGCTGA AATGTAACT
251 AACCTTCCCG G

1002280-262660

ug391 Length: 317 June 24, 1996 7:08 PM Check: 2918 ..

1 GAATTCGTTA CGGGCGGCCG CGGGAATCCA CGGGCTGGCT GGCTGGCGAC
51 TAGGCCTCTT GCAGAGAACG CGGCAGGAAT CTGAGCCATC CGAGCCGCCA
101 CCATGACGGT GGGCAAGAGC AGCAAGATGC TGCAGCACAT TGACTACAGG
151 ATGAGGTGCA TCCTGCVGGA CDGCCGTATC TTCATCGGGA CCTTCAAAGC
201 CTTTGACAAG CACATGAACT TGATCCTGTG TGACTGTGAT GAGTCAGGA
251 AGATCAAGCC AAAGAACTCC AAACAAGCAG AAAGGGAAGA GAAGCGAGTC
301 CTPGGTCTGG TGYCCT

ug392 Length: 358 June 24, 1996 7:08 PM Check: 3551 ..

1 GAATTCGGGG GATATAGCTC AGTGGTTAAG AGCACTGACT GTTCTCTAGA
51 GGTCCCTGAGT TCAAATTCCA GCAACTATAA CAGTGGTTCA CAGCCATCTG
101 TAATAGGATC CAATGCCCGC TTTTGGTGTG TCTGAAGACA GTGACAGTGG
151 ACTCATATAC ATAAAATAAT TCTTAAAAGA ATGTTAAAAA AAAAGAACAT
201 TTATTTTAAA TAAATAAATC AAATTAAGA ATTATTTTAT CATTATTAAC
251 TGTGTATATG TGCACGTGAA TGGAGATGCC TATAAAGGCT CATTGGAACC
301 CGTGGAGCGG GAGTCTTAGA CAACTGTGAG CTGCCATGTA GGCACGGGA
351 AGTGAAC

ug393 Length: 280 June 24, 1996 7:08 PM Check: 2100 ..

1 GAATTCTTT GAAACAAAAC GACTTATTTA CGGTTACTTT CCTTATAAGA
51 AGGAACAGCA GTCTCTAATA ATCACCAATA AGTGAAGTGC TGTGTCCCTA
101 ATTTTCTCCA GTTTCTTCTA CCCTAAGACA TGTTTTTGG AGACCACAAT
151 GACTTTGTGTA TTTAATAATG TAAGTTCTA TTCAGATAAA ATGATCCAGT
201 TTCAAGACAG GTGAGAAGCC CTATTTAAGT CCAATGGCTC ACAATATGGA
251 CTGAGAACAG GAGACATTTT YCCTYCAAAG

ug394 Length: 252 June 24, 1996 7:08 PM Check: 2359 ..

1 GAATTCCGCT TGTCCCCACA CACGACACAC TGCTCGTCTT TGTCCAGGTA
51 ACTAGGGATA TACCCTGACA TGCTGCTTTT CAGGGGACAT TGGCCGTTCT
101 TTCTTTTTCG CTTCATCT GGTGACCTGG CACTGTTCTC CTCTGGGTCT
151 GACCCACACT CCACCTTGCT TGGCTTCTGT TCCATTCACT TCAATTCCAT
201 CCAGGATGCT CTCCAGCRG CCAAGAGACT GGGGTGGGCA CACTGGCCCC
251 CC

ug395 Length: 392 June 24, 1996 7:08 PM Check: 8679 ..

1 GAATTCCCTGA GCSGCACCTTC ATCGATGATG TACAGATGCC CCTGGGTCTG
51 GTGGTGGCTT CCTGCAGCCA GACAGTCACC TGTATCCCCA ACTGCACTTG
101 GCGAAACTAT AAGGCGGAAG TGCGCTTCGA GCCACGCCCC AAGCCCGCCG
151 TTTCCCTCAGC ACCACCATCG TCTACCCCAA GTACCCAAA ACCGTCTACA
201 CCACCACTCT GGATTACAAC TGCCACAAGA AGCTGAGGAG GTTTCTGTCC
251 AGTGTGGAGC CAGGCCACGG AGTTCCCTGGG CGCGATGGGC TAGCCGATGA
301 ATGTTGACTC AGCTAGCTTG AGGTGGACC AGCTGTTCAT ACACTGCCCT
351 GGTCCCCAGA CCACCCCTGGA CAAGCTGGGT AGCATTGCTC TT

ug386 Length: 238 June 24, 1996 7:08 PM Check: 4998 ..

1 GCGTAGGCAGA GCAGCGCCTG CCTGAAGCTG CGGGCATTCC CGATCAGAAA
51 TGAGCGCCAG TCGTCGTCGG CTCTCGGCAC CGAATGCGTA TGATTCTCCG
101 CCAGCATGGC TTCGGCCAGT GCGTCGAGCD GCBCCCGCTT GTTCCCTGAAG
151 TGCCAGTAAA GCBCCGGCTG CTGAACCCCC AACCGTTTCBC CAGTTTGCTG
201 TGTCAGACCG TCTCCCGACC TCGTTCAACA GGTCCAGG

DRAFT SEQUENCES

ug397 Length: 327 July 15, 1996 1:21 PM Check: 5550 ..

1 GAATTCTTTC AAAGTATATA AATAGAAAAA CCCTAAATTG AACTGAACAG
51 GTTATTTAAT GAGCAGCAGT AATATATATA TATATATATA TACACATACA
101 CACACACACA CACACACATA CACACAAACA CACCAAAATA CGACAGAAGA
151 AATAACAAAA ACAAAAACCA TTATAAAAGC AGTAATATTA GGGAAAAAGT
201 CCAATAAGTA AATGTATAAG CAATAAGCAC CCAAGAAATT AAAAACACTG
251 AAAAAACCTC TCAGAAAAGT TCTGTCGCGT TTGTGAAACCT TTTTTTTTTT
301 TTTAATCAA TCGACAACAA ACATTAA

ug398 Length: 380 July 15, 1996 1:21 PM Check: 702 ..

1 GAATTCAATT TATCTAGGTG GACTCTGAAA AATGCTGTAG ATTTTCTTTT
51 TTTTTATTAA TAACACAAAC ATAATATATA AAAGTCAAAC AACTGCAAA
101 CACACGTTT CTCACTCAGA AAACCTTTTA TAATTACCA GAAAGATTGG
151 TGACTCTTTC CAAAGTGCTA AAAAGTTGC CCAATTACAT TAAGCATTAC
201 TAAGTCATTC AAATACAGGT TCAGTGGCAA GCAATGAAAT GCACGGCATT
251 TGAGGCAGTAA GCGTCTCCGC CCACCTCCCC TCTGCACGGT CCCACCAGAA
301 GACCTCTTAT TGCACAAGTG ACATGCTGTA AAACCTAGGG TCCTCGTKGT
351 CAGGGACACC CATTCAAGGT CTTAACCTGC

ug399 Length: 165 June 24, 1996 7:08 PM Check: 3475 ..

1 GAATTGGAA AAGTGTCTTA CCCTAGATGT TTAGCCATGG TCAAATTAGA
51 CCCCTGACTT TCTGGAAACA AAATATGTAG TTACCTTTA CTCTGACCAT
101 CATCTCCCAC CTGCCCTAAGG TACTTAGTCC TTAGTTAGAC GGCTCTATG
151 CCAGGCCTGC AATTA

ug400 Length: 432 July 15, 1996 1:21 PM Check: 805 ..

1 GAATTCAAAG GGAGAAAAAC AAAAGTTCAT GACTGTGATG CCCAACATAA
51 CAGTTCTAGG GCAGGTATGC CAGGGAGCCC CTCCCATGCG CTGTCTCCCA
101 GCTCCCACCG CTGGGCAAGG ATCATTTAA GGATGGGCAG TTCTGGGCC
151 ACAGCACCTA GTTTGCGGT TAAAGGGAGT GGGGGGAGGG GTGAACAGGA
201 AGACTGAGGA GGGCTCGGGG CATGGTGACA AAAAGAGCTA GGCTGCCCTA
251 CCCCCAACTC GATTGTCTAA CAGATAAAAT GCCTGGCCAT AAATATGAAC
301 ACTGATTGAC TGTTGAGGCA GATTGGATCT AAAACTGCA GGGSAGAAC
351 AAATKGCTGT GACACCCCTG AATTGGTAT CATACTATCT GGGGTCCATG
401 TCCTAACTTA GGAGTGGATT CTGTCTAAAA AT

ug401 Length: 323 July 15, 1996 1:21 PM Check: 3598 ..

1 GAATTCTCGA TCTGGAACCA CCAGCCATGC TTCCTTAAGG ACTGGGAAAT
51 GCACGTCCAC TTCAAAGTCC ATGGCACAGG GAAGAAGAAC CTCCACGGAG
101 ATGGCATTGC CTTGTGGTAC ACCCGAGACC GCCTCGTACC AGGGCCTGTG
151 TTGGAAAGCA AAGACAACCTT CCATGGTTTG GCCATCTTCC TGGGACACGT
201 ATCCCMATGA TGAAACCACT GRGCGTGTGT CCCCCTACAT CTCGGTGATG
251 GTGAACAAWG GCTCTCCTGT CGTACGATCA TAGCAAAGAT GGACGATGGA
301 GTGAGTTGGC AGGCTGCACG CTG

ug402 Length: 412 July 15, 1996 1:21 PM Check: 4391 ..

1 GAATTCTTGT CAACCAACAT GAAATAAAAA AAAAAAAAAT CTGTAAGCTT
51 AAAGTTTAAT GTGGTAAGCA CAGCATGGCT GAAGAACACC AACTCTCCCT
101 CCATGGGTGT CATTGCCTGT TGACCTGTGT GTGTCCTCCC TCACATGATG
151 GCAGGTCATG CGAGAGGCC CGAGAGGCC CTGGTTCCCA TGAATAAGGG GGGGGGGGTA
201 GGTGAATAGG GGACTTGACA ATGCAGGGCT CTTCCCTTTC CATCGTCTTT
251 GTCTGTAACT TTTAAGACAA AATTGAAAT TTGAAGGTAG TCTCAAATCC
301 TGGAAAGGTTT AAAATTTGAT ATAAGATAAA AAATGGAAAC TTTTATTAAA
351 ATAAGTACTT TAAACTAACCA CTGAATAGTC TAGACCGTTA ACAGAAGGAA
401 AATCTTGTGC AA

ug403 Length: 444 July 15, 1996 1:21 PM Check: 252 ..

1 GAATTCCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTCTAC TTGCTAAGCC
51 ATATCGAATC ATATGTTTTT CCCCCCAAGC AATCAGTTGT CTTTCTCAGA
101 TTTTATTGAA AAATAAAGGT CCAGGTCAATT TCTAGGACTT GGAGGATTTC
151 CTGTAAATCT ACTAAATTAG CACATCAATT AAATGCCCT AACTCGCAGT
201 GTGGAAGACA ACAGTGTCCA TTGCTACGGG ATCCTGGGGG TTCTTGCAAT
251 ATAAGTGTTC CTCAATGGGT GGCTGTTCC CAAATGTCCA CCTCCAAAAA
301 AGTCATCTGT AATCTTGTAA AATTAGAACCA CTTCCAGTAT CTTTCTGACT
351 TTTACAGTTA AGGTACAGA ATTGATTTAW TTTATAGTCC ATGGCTCTCA
401 GAGCTTAACA CTAGCAAGAC CCCATGGCTA GAATGCCCTT AGGG

ug404 Length: 433 July 15, 1996 1:21 PM Check: 9175 ..

1 GAATTCCATA AAGCAAACAT TGAATAAAGA TGAAATAGCA CTGGTAAACT
51 TAAAAAATAA AAAACCAAAA ACGTTCTGTG CTCTTTATG TGTAAGATGC
101 TAAAATCAAG TATCTTCCA GATGGCTCAC CACCTTGTAT TTATGCAGGG
151 TCTTACACTG AACCTAGAGT TTACAATTG GCCAGCTTGC TTTGTGGGAT
201 ACTATCTCTA CATTCCCAGT GCAAGGATTA CACITGGSCT ACATATCCAC
251 CCATTTTAA GGGTCTGAAT CTGGTTTCA TTGTCTGCTA GTGCTTTATC
301 TATTGGACTA GCTCCCCAGC CACACAGTAA GGCATACTTT AAAAGGCTAT
351 CACACCTGTG ATCTAATTCT GATTTCACAG GCTAAGAACG TATTAAATCC
401 AAGGAACCAT GAACTAGTTW AACAAAAATG GCT

ug406 Length: 420 July 15, 1996 1:21 PM Check: 9828 ..

1 GAATTCAAAA TTCATTTCTA TATCCTCTTC GATGTACACC ATCTCCACAG
51 ACTTAATTCT TTGAAGCCAG AGACCTGGTA GACTGTGACC CAGTAAAAAT
101 GGCTTTGCC TTTATGTACA TCAGATCCGG GCAGGGCAGT GACATCAACT
151 AACACGGTGG TTTCTTACAA GAGAACAGG GTGTGTGTGT GTAGGGTGGG
201 GACTCCTCTT CCAAAGATCC AGCCTTCAGA CTGACAGCTC TGCCCTTCA
251 TCTCACCTCC TGAGCAATCA CACAGGTTA CCAATGTTA ACCACATACT
301 TAACAAGAAA GGGCAATCCT TCTGTAAACG TTCTCTGCTC AAGGTAACAA
351 ACATGCCCTT GGATTGGTTT CAGGAGATCA GCTAGGGACG ACCTGTGATC
401 CCCGTCTCCA TTGCTCCCAG

ug407 Length: 317 July 15, 1996 1:21 PM Check: 3762 ..

1 GAATTCTTG GGGGAAATC CCCAAATTG GGCCCCATTC TAGAACTCTG
51 GGGAGTTCAA ATTCCAGAGA GAATATATAT TATATATGTC CCCCCAATT
101 CCCATCCCTC CAAGCCCCAC GATCTCTAGA AGCCCCAAAT TTCTAATTCC
151 CAGGACTTCC CTACCCAAGT AACAGAATCT TCAAATCCCC AGGGAATCCA
201 AACTTAAGAC CCCAATCCC AGCTCAGGAA ACCCAACTAC MAGGTCTAA
251 GGCTGGGAGG AAGGACCTG TTGCCAGGCT CTCAGGCAT CTCAAACACT
301 GACTACCAGG CACCAGG

ug408 Length: 290 July 15, 1996 1:21 PM Check: 1571 ..

1 GAATTCCGAG CGGCCGTTTT TTTTTTTTT TGTTTTGTTT TTGTTTGTT
51 GGTTGGTTGG GGGTTTTTGT TTGTTTTTC GAGACAGGGT TTCTCTGTAT
101 AGCCCTGGCT GTCCCTGGAAC TCAGAAATCC TCCTGCCTCT GCCTCCCAAG
151 TACTGGGATT AAAGGTATGT GCTGCCACCG CTCAGCATTW CGTATATTC
201 TTATTCTTCA AAACTAATCT CTACAGTCAA TTTAGCAAGC TCAAAGATA
251 CAATGATCCA AAGAACTACA GACTAGAAGC AGATCAATT

ug411 Length: 396 July 15, 1996 1:21 PM Check: 4396 ..

1 GAATTCAATT AATTAGAGGT AAAATTACAC ATGCAAACCT CCATAGACCG
51 GTGTAAAACC TTAAACATT ACTTAAATT TAAGGAGAGG GTATCAAGCA
101 CATTAAAATA GCTTAAGACA CCTTGCTAG CCACACCCCC ACAGGACTCA
151 GCAGTGATAA ATATTAAGCA ATAAACGAAA GTTGACTAA GTTATACCTC
201 TTAGGGTTGG TAAATTCGT GCCAGCCACC GCGGTCTAC GATTAACCCA
251 AACTAATTAT CTTCGGCGTA AAACGTGTCA ACTATAAATA AATAAATAGA
301 ATTAAAATCC AACTTATATG TGAAAATTCA TTGTTAGGAC CTAAVVCAAT
351 AACGAAAGTA ATTCTAGTCA TTTATAATAC CGACACTAAG ACCCAA

ug412 Length: 373 July 15, 1996 1:21 PM Check: 1326 ..

1 GAATTCCGAA AGATGGTCCT TCTCAGGGCA TCCTGGAAA CCTGGCTGAG
51 AAAGAAGGTC TGGTCTTTAA AGCTGTCAGC TGCTTGGAGA AGTTTTACGG
101 GGTTTCTGAC TTCAAATCGA TTTCTGAACA GCCCGTCAGG CTTCTTAGTG
151 TGCTTTGCT CAAAGACTTC CTCATCCTCC AGTGAGGTCC TGGCGTAGTG
201 GCCAGTGGCA ACGGCATCTG CTCCAAGATT GTCCACAGCA TAGTGATAAA
251 AGCAACTGAA CTTGATATGC TTATTGCAGT TGATGTCGGG GTTTGAGTCC
301 TTCTTTCTCA TACCGKTCAA AAAGTCACTG AACACATCAT TCCAATACTC
351 CTTCACATAG GACACCTGGT GGA

ug413 Length: 420 July 15, 1996 1:21 PM Check: 8835 ..

1 GAATTCCAGC ACCTGCGTAS CGCACGTGGT ACGTCCAGGC CACCTGTGCC
51 ACCCAAGGCA CAGGCCTGTA TGATGGGCTG GACTGGCTGT CCCACGAGCT
101 GTCAAAGCGC TAGCCAGCCA GGGGCAGGCC CCTGCTGCC GGAAGCTCCC
151 GCGTGCATCC CGGGATGACC AGACTCCCGG ACTCCTCAGG CAGTGCCCTT
201 CCTCCCCACT CTTCCCTCCCC ACAGACAGGC CTCTGCTCCT GCGCCTGCC
251 GCATGCTCTC TCTTGTGTTT GGAGCCTGGA GCCTTGCTCT CTGGGCACAG
301 AGGGCTCTGC TCTCCCTGCC GCTGGGACCT GTGGATGGGC TTCCTGGCCA
351 AGGCCCTCTC TTCCAGGGGA GGAGCAGGGA TCTGGATTAA ATTTGGTTTT
401 GGTTTTGGTT TTTTGATTTT

ug414 Length: 405 July 15, 1996 1:21 PM Check: 1856 ..

1 GAATTCCTCA GTTTCTTCAA ATATACATGC TTTCAAGCAC CTCCCAGGTG
51 TAGTGGCCCG GAGTGAGTTT ACTTCAGATT ATTCAATTACA ACTAGCTGTT
101 ATTTGTTAT AATGCCCTTG TGATTGTACA CTTTGCATAT GTTAACCTC
151 TTATTACTCA GAGTATAAAC TGTCTGATGT TCTGAATAAA GTTAGCTATT
201 GCATGAGACT TCAGTCTGTC TCATTTAATG GCTCCATTCT CCCAGGTCCC
251 ATCACAGTAA ACAATACATA ATGGATTTTT TTGTTTGT TTGTTTTTT
301 TTGTTTTTC GAGACAGGGT TTCTCTGTAG CCCGGCTGTC CTGGAACCTCA
351 CTCTGTAGAC CAGGCTGTTTC TCCAACTCAG AAATCCGCCT GCCTCTGCCT
401 CCCAA

ug415 Length: 446 July 15, 1996 1:21 PM Check: 5480 ..

1 GAATTCGCTG TGGCACCCAT TCATGTAAC TCCCTCATTTTC ATGTAAACAA
51 AGTTGCTGGT GACTGTGGCT CCTGACCTGT ACGTCTTATT TGGATTTTTC
101 TCTGATAGCC CATCTAAGAA CTTGAATTCA CACCCTTGT GCAGGGCTGT
151 GGTTGACTCC TGGTGAGGGG TGGAGTGATT TCTGTGACTT GAGAACGAAT
201 GGACACAAAGT GCTAACAGT CTGCTGGCT CTGCTGTCGT TTAGTGTCT
251 GTTTTCCCTG ACATGGTGTC CAATCCTGAA TTTATTCACT GGCTTTGGTT
301 CCATTGAAGT CTGAGTCCCG AGCGTCCATT TCTTCTTCAG AACCATCTGT
351 GTTTTCAATA ACTCTACGGC CCCCAGCCCT TCTGGAAGGA ACAAATGAAG
401 CCTCGTTTCC HCTCCTGGTG GCTCACTGCG AAGTTTCTG TGGGGG

ug416 Length: 464 July 15, 1996 1:21 PM Check: 2445 ..

1 GAATTCTGTTT CTCCTGGGCC TCGATCTGCC GGATGACATC TTCCATCCAG
51 AGCATGAGGT CACGCACCAT GCTGAAGAAG CGGAACCTGT CTCCTGTGTC
101 TACCAGCCGC ACCCTGCGAC CCTCACAAAGC ATCCAGCAGG GACTTCCAGG
151 CTTCCAGGAC CTCATTCTCA CGCTTCTGGA TGTCATCAGC CTTGTCCCCCT
201 GCATAGGCTG CCTGGAGGCG AGCTGCATCC TCCIGCAGCT GCCTCACCTG
251 AGTGCCCAGA GCTTGGATGT CGTGCTAAA GGTGGTGTGC ATTCTCTGTA
301 AAGTTTCCAC AGTGTGTTGA TCTCTTCCAA GCTCCTCAGG GAGTTTCTTG
351 TGTTTGTCCCT GGATTCGGGCC AAAGATCTCC TTGGCATCAT GGTAAAACCTT
401 ATGAAGTTCA TATGAGCASC AAGAATCTGT GTTCTTGTGT CAATGAGCTC
451 CAGGAGGTCA CCCA

ug417 Length: 369 July 15, 1996 1:21 PM Check: 2857 ..

1 GAATTCTGTT GTGTGTGTGT GTGTGTCTGG AGTTTACCTG CTACATCAGA
51 ACGACCCCCG ATCCCAGCCA TTGCTTGTGG CCTCTCTTTA TAGTCAGATA
101 TTGGCTTTGT GTGAACCCCTG GAACTATTGA AACACTTGTC TCTTGTCTG
151 TTCTGTTCAAG TTGTAATCAC TGTTACATGT GGAGCCACAC AGTCACCTCC
201 ACGGGCTGTA GGAGCWGCTT TGTTGCTGT GTCCATACAT GGGACCCCTTA
251 CTTGGAGTAG GCTCTAGGTG CATTGGCTA AGAACAAAGCG AGTAACACTA
301 GAAACAAAGC TCTGCTGGGG TGAGCTGGAG AWCATGGATG CTCTGCCAGG
351 GTGAGCAGGA GAWCATGGA

ug418 Length: 295 July 15, 1996 1:21 PM Check: 8326 ..

1 GAATTGGAA CCTTAGGCAT TGCAGTACAG ACCCAAGGC TAACCCACAA
51 CTTAAAGTGG AAAATCTTAT RGTTTTCCC CCTTGGTCAG ACACAGATAT
101 ATTTGAAGAA TTTCAAATT TAGAGTTCTC AATTTGGGT ACATCAAGAC
151 TTTTAAAGTA GAATTACGT AGAACAGAA GAGAAAAATC TGGGACCTTG
201 AAAACAGTAC ATTCACCTC CTTGGGSTA AAAGTCACCT TCAGTTAAG
251 GGSGGCATTG ACAGAAAACC TCAGCTGGAG CATCTCGTGG CGCAG

F022E80-A7E2-4650

ug420 Length: 391 July 25, 1996 12:09 PM Check: 2589 ..

1 GAATTCCCTTT CTTCCCTTCCT TCCTTCCTCC TGGCCTTCCT CTTCTTCCTC
51 CTTTTCCCCCT TCCTCCTTCCT CTTCCCTTAGC CTCAGGAGAC TTCACGGGAG
101 ACTTTTCGGC TTCTGGGTCC TCCTCCTTTT CTCGGCCTCT TCCTTCCTCC
151 CTTTGGCGGA GGCTGCCAAC TCCTCTGCAGA TGGCTGTGAG GGTTTCTTCC
201 ATTTCTGACT TCTCATCTTC CMCTTTAGTT TCTTCGATGA TCTCCTCCAC
251 AAATTTGTGT TGGACCTTGA GCTTGGGGC CTCGACTTTG GTCTTCTGAA
301 TCTTACTGGA TATTGTGACT GAGGGCTGTC GGTGTGTGTA CAGARGCCCG
351 GTGATGCTTC CTGAAAATGT GCTAAATCTG GTCTCTTCCC C

ug421 Length: 308 July 15, 1996 1:21 PM Check: 9201 ..

1 GAATTCACTG AATGGTGGAA ATGCTCTCCA GTGGGGTGTG GAGAGAGCAG
51 GAAGCCAGTG GGCAGGCTGG AGCAGGTGGC TCATGGAAGG GTGGGTTAGG
101 GACCTTCAGC CTGACTTCCTC CTGGCGGGGT GGACGTAGGG TGGGCAGAAC
151 CAGGAAGCCC ATGACTTCGT CCATGCTGCC TCCCTTCCTCC CCTCCTTACC
201 CAGGGTCCTG CATCCTTCAG SCCCCTATGT GGCTGCCCTG CACCCCTTGCC
251 TGTCCCACCC GGATGCCATG CACCTGTCCC CGTCACTKGT TCCCTGCTTG
301 GACTGCAG

ug422 Length: 206 July 15, 1996 1:21 PM Check: 9968 ..

1 GAATTCTCAG CATCATCTCG TAGTAGTGTG TGAGGGTCTG CTCCACAAAG
51 TGAAAGGTAC GGATACTGAG GGTCTCAGAA ACAAGGCCGG GGAGGAAGGT
101 GGCAGCTCGG TTGAAGGCCA TGAAGAAAGC CATTGCCCCA CATGTAGTAA
151 GTCTCGTCAT GCTGCTGCCT CTCTCCCGAA GCAGATGATC CTTGACCGCC
201 CCATGA

ug423 Length: 383 July 15, 1996 1:21 PM Check: 9765 ..

1 GAATTCTGATG CTTCTATAAC CCAAGGAATG CCACGGATTG CCAGCAAGTT
51 CAGAAGTTAA GGGAGATGCT TTTTTAGGAT CCTTTCCAGG GCCCCTGGAA
101 GAAATCAACT CTGCTGACCC CTTGACATAA GACTTCAGAG CAGTGAATAG
151 TCTCTGCTCT TTTAGACATC TGGTCTGGGG TCCTATATTA GGGTAGCTCC
201 AGCAAACCTTG TAACTTCCCT GAGCAAGTGG TTGGCACAGA CCTGTTATT
251 ACTTAATGCA TAGTTCCCTT TGTCCTATA TTACATTTAC TACAGTCTCA
301 CATACTACAC TTTACCCATT ATTCAATGAGG GTAAACTTGA TGATCACTGT
351 TTATTCAGCA CCTAGACAGA GTTGGGGATC TGC

ug424 Length: 324 July 15, 1996 1:21 PM Check: 1703 ..

1 GAATTCTCG GCTTAGCAGG TCAGAAAGAC GTAAAGCACAG ACCATGGCCT
51 ATGGAAGAAG CTGGACTATT AGGAACCTGT TGTAGAAACC CAGGAGAAC
101 TAGAAGACAA ATAAGGGAAA GTTTGGGGGG ATGAAAGAAT AGGGGGGGTG
151 GCAAAGATAG CTCCATGTT CTTGCTCTGA GAACCTGAGG ATAGAAGTTG
201 CCATTCAATTG TCGTTGAAAG ATGGAAAGGA TWAATAAGG GAAATGTCCA
251 GATCTGTTG GGAGCCTGTT GAACATGAGG AAACCAAGGT GGGGTGTTCA
301 GCCCTGGATG ATCGTAGGAG TCTC

ug425 Length: 296 July 15, 1996 1:21 PM Check: 4086 ..

1 GAATTCTCG CGTCGCGGCT GCGGAGACTA GAAGGAGGAC TCCGGATCCG
51 GCTCGGGCCT CGCCCTCGCT CGCCATGGAG AAGACCGAGC TGATCCAGAA
101 GGCCAAGCTG GCCGAGCAGG CCGAGCGCTA CGACGACATG GCCACCTGCA
151 TGAAAGCCGT GACGGAGCAA GGCGCCGAGC TGTCCAACGA GGAGCCAACC
201 TGCTGTCGGT GGSCTACAAA ACGTKTAGG GGGGCCGCAG TCCBCCTKGA
251 GGGTCATCTC GAGCATTGAG CAGAAGACCG ACACCTCTTG ATWAGA

ug426 Length: 210 July 15, 1996 1:21 PM Check: 3907 ..

1 GAATTCAAGAG AATACAATCC AATTCACTGC TACAATTTCAT AGAATTTCGTC
51 AGTGTTCCTTG TGAGACGCTG AGGTTCACTG TTGGCAGTTT CCAGTGGCCG
101 CATGTGCTGC TCAGAAAGGC CAGCGGCAGA CAGCTGCCCG GAAGAACTTT
151 CACTGCTGGA AAACGTGBTG CTCCCAAGGA AAGCCCAAGG AAGGCTGGGG
201 CCGTGGSTCA

ug427 Length: 303 July 15, 1996 1:21 PM Check: 3719 ..

1 GAATTCAATCA ATTTTGCTAA TGATGTCAAA TAAAGATTGG TTGTCAATGG
51 GCAGCACACA GTCTGCATGC TCATTCACTT CCTTCATGGC CAGCATACTG
101 TTATAAGGCG AGGTGATGGC ATCGTCTTCA CTGGAAGGAT AAACCGCTGT
151 CACAAACCGG TACACTTCAG GGAATTCAATC TTCAAGAACC TTTAACAGAA
201 ATGTGCCAAG CCCAGAGCCT GTTCCTCCGC CCATGGGAGT GGATGATGAA
251 GAAGCACTGT AAGCAATCGC ACTGCTCTGC CGACTTCCGC AGTTTCTCTA
301 AAA

ug428 Length: 511 July 15, 1996 1:21 PM Check: 8002 ..

1 GAATTCCCTT CTTTCTTTCT TCTTTCTTTT TTCCCTTGGA AGATTTTACT
51 GCTTTTATGG TACCCCCCTC ACTCTGTGGT GTCGAGCTGT CCATCAGCAT
101 CACGTGGGTG AGTCTGGGAT CTACTGACTT GACCTCACCA GTCTCAGTTA
151 TAGACACTTC CATAAGACGG GTGACTGAGT CCTGACGGCT CACAACACCA
201 CAGAGCCATA CTTCCCTCTCC TTCGGGTGAG TAGACCTTGA CTCTGTGGCC
251 CTGGACACTA TAGGGACCTC GGCTGAAAAT CTCTTGTAGC TTTTGGTCAC
301 TGATCAAAGC ATTAACGTTC TCTCTTAATG CAGCATGTTC TAAAAGAAC
351 TGATTTGAA CATCTGTTCC CATCTGGAAC AGATGCVTCC CATTAGCATC
401 CGACAGGAAA CGAAGCTCTC GATCACAAAGG TATTCAACTG GCACCACAGA
451 CCCCAACSCC AGCTTATCTA CTAGGGGGGG TGAAAGTCAG GGHGGCCACT
501 GGGHAACCTGG G

ug429 Length: 269 July 15, 1996 1:21 PM Check: 3383 ..

1 GAATTCCCCC AATGTACTCT CTATCTATTA TATGTGTGCA TGATTTAAAA
51 ATGGAGGGGG AGGGAGGCAC AATACAAGGG CTAAGAAATG GCTCAGTGGC
101 AAACACATTC TGCGATGCAAG CATGAAGACC TGAATTTGAA TTTTCAGAAC
151 CTATGTAAAAA GCTGGAGGAA TCGTGTGAGT ATATGTAATC CCAGCACCCC
201 TATGGGGTAA ATGGGAAATG GGACAGGAAG ATTCTGGGAG CTAGAGAGTC
251 ATCTAGCTGR GCATACCCAC

ug430 Length: 226 July 25, 1996 12:09 PM Check: 9723 ..

1 GAATTCCCTG GAGAAGCCTG GAGCTCCACA TGCAGAGAAA TGATCTGTCC
51 TTGTGTCTCG TTCTGATTAA AAACAAAAAC AATCAAATAA AAAACAAAAT
101 KGAACAACAA CCTTAGTGTA TGGCATGAGA ATGTGAAAC ACTAGAGATG
151 ATCAGGGGGA TCTTCAAATG GAGGCAGACA GCCAGTTCT GAAGAGAATT
201 GCAGTAGCTC GGAAAGCCAG TCACCG

ug431 Length: 220 July 15, 1996 1:21 PM Check: 5309 ..

1 GAATTCCGCA AATTCCCTAA GGAAGTGGAA GCAATCATIG TTTACTTTGC
51 TGCTGGTCTG TGTGTTACCA ATTGCAGTTA GTAAACAACT AGTCTAGGCA
101 TTTATGTGCT ACATGAATAT AACCAAACGT GAGAAAATAG AAACGTCAAT
151 TTTTGAGAAC TATTTTTTTT TAAATTCCAT AGGCAGGCTT TTAAAATAAA
201 AACAAAGTGGG TCACTTTGAC

ug432 Length: 344 July 15, 1996 1:21 PM Check: 8505 ..

1 GAATTCGACA TAGGAAACAG GCCATCCAGA CAAGGAGTGA GGGTGGAAAT
51 TTTTGTATTT AGAGTCACAT GTAAATTTA AAGCTAAAA AAATAAAACTA
101 GTAAACTCCAT GAAAAAAATG AGTGCTTTGG GGGTGGGTA GGGGATAAGA
151 AAGAAAATCA GTGAGGGGCG AATGCCAAT TATCACTTAG CATCTCTAA
201 ATAATTTCCA CTGGAGGCAG GGTATCTTTT CCAAAGAGAT GAGCCCCATT
251 GGATGGATTT GTTACAGTT TAAGTGATTA AAATCGGGAC TTTACAGTAC
301 ATTTGTGGGK CTTTTACTAG TTTTTAGAGT GGTGTTTKGC AAAT

ug433 Length: 66 July 15, 1996 1:21 PM Check: 4405 ..

1 GAATTCCAAA TTCCCTTGAGCAGGTATG AGCTCATTTT YCTACAAGCA
51 TCCAAWWGTC TTCTTC

ug434 Length: 50 July 15, 1996 1:22 PM Check: 9889 ..

1 GGRATTTCGTG AGGCCGAACG CTAAACTAAG GTACAAACGG CTTAGGCATA

ug435 Length: 101 July 15, 1996 1:22 PM Check: 9687 ..

1 GAATTCCAGA GGGGAAGGCC GAAAACCTGC TGTGCTTCCT GGAGTTGGCA
51 TGGCGGCTCG CCCASGGGGC TCCTCGCACA GACTGACTGG GGAGGGTGAG
101 T

ug436 Length: 213 July 15, 1996 1:22 PM Check: 8451 ..

1 GAATTCTGG GGCTCTGAGG ATCCCTTTTC TTCTCTTCC ACTTTGACCT
51 CTGTTAACCGA TYCACCTGCA TCCCSGAAAH TGCCACATTC TGCCACTCAA
101 AATTTGCATC ATTCGGGAG GSAAWTTTTT CATCTATGTC TTCAGTGAGA
151 GAGTCATCTA GATCAGACGT GGGSAGAGGA ACCCAGAACCC AACGAGCKTY
201 ATGTTGGCCT CAT

ug437 Length: 188 July 15, 1996 1:22 PM Check: 8740 ..

1 GAATTCGAAA GAGGGAAAGAA TGAAGCCTGA GCTGAACCCT AAATAATATG
51 TCAGAAAATG ACAACTTGCC TCCCTCTAGA CTATTCATT TGAAAGATTT
101 GCTAGGTTAC ATTAGGGCTT GGGATAGATT TTTCTGGGAA TGGGGSCCTA
151 ACCCMCMGAC TTAAAAAAATG SCCCCGSTTC MCAGTTCT

ug439 Length: 184 July 15, 1996 1:22 PM Check: 7035 ..

1 GAATTCTTT TTTTTTTTTT AAAAAAATAG TATGTATAGT GTGTGTACAT
51 GTGTATAAGC TCAAGTAAGA AAGCCAGAGG AGACTGGSCT TGTCTGTCT
101 GCTCTCCACC ATTAAGCCCT TGAGACAGGG TCTCTCACTA TACCTGATGC
151 GATAGCCAGC AAACCTCCAGT AACCCCTACAC CCAG

ug441 Length: 319 July 15, 1996 1:22 PM Check: 7931 ..

1 GAATTCGAGT AGATTCCCAG TGCTCACCAT GAGGGAAACA ATGTTACTAT
51 ACCTTTCCCTA TGAGGAAAGC CGGGTAAACG TAGAGGTCT CTGTCATGTC
101 TTTAAACATA GTTGAGTAG ACAGCAATGC TCTTTACCTA GCTTAGTGTT
151 CTGATGGCAA AATATTGTAT ATTGTGATAA TTATGTCCTA TTTATTTGAG
201 ATTCTTGTTT AAAATTTAAA AAACAAAAAA ACAAAATDAAA ATTTTTTGC
251 TATGCCCTAG ATGTAGGGCT TTTTTTTCCA ACCAAAGGTC TACAAAAGTT
301 TCTATAGAAA CTGTGATTG

ug442 Length: 401 July 15, 1996 1:22 PM Check: 8476 ..

1 GAATTCCACG AGGGGCTTCG GAAAGGAATG TTTTCTGGAA GTCCTTCCAC
51 ATAGAGATCA TTGGGATGGG CCTCAAATT TTGGTACGGT ACAGCCTTGG
101 CTTCCGTGCT TCCCAAGGCC TCGGCAAATT TCTTGCAGAA GAGCTGGTCA
151 ACCATCTMCC TCAGTTTGGT GATVCGAGCG TACCACTCTT CTTTCACTCC
201 TGAGGCTGGT TTATCAAGCT GTAAATCTTC TCGTGTGAG TTCAGAAGCT
251 CATGTTTCTT AATCACGAAG CGGATCCTTT CCTTCDCCAG CAATATCCTC
301 TCAAGGCGAG GAATTCCGTA CGTCGACGCC TTCTAAAAGG AATCCCTTYA
351 GGAAGYYCTT CTACGTAAAG ATCTTCAACA TGGGACTGGA AAAGAGGGTA
401 C

ug443 Length: 385 July 15, 1996 1:22 PM Check: 7010 ..

1 GAATTCTGG GATTAAGGC GTRCACCAACC ACGCCCGGCT CAGGCCAGAA
51 CCTTTACACA TGCTTAACTA AACTAGTGA AAAATGCATC TTAAAAACAA
101 GAAATTCCA AAATACAAC T CAGAAATTAC TCCACCCAT AAATGCAGCA
151 AAAAATCATE TGATCTATTT TACCAAGTAC TAAGCAAGGT ATAGTGGCAG
201 AGACCTGTAA TTCAGGGGG CAGAGGATGT CACAAATTCA AAGCCAGTCT
251 GGTCTACATA GCAAGTCTGC CCCAACTCAA TGCATTACAA AATGACCCCC
301 CTCCCCGACC TCTAAAACA AAACAAAACA CACAAMACAC AAAGCCCAMA
351 CAACTCATTA GTAAAACAAT TTGATAATTT ATATT

ug444 Length: 391 July 15, 1996 1:22 PM Check: 7325 ..

1 GAATTCCACT CTAATTTTT CAAAGTAAAC GCTTCGGGCC CCGCGGGACA
51 CTCAGCTAAG AGCATCGAGG GGGCGCCGAG AGGCAAGGGG CGGGGACGGC
101 GGTGACTCGC CTCGCGCGG ACCGCCCCGC CGCTCCCAAG ATCCAAC TAC
151 GAGCTTTTA ACTGCAGCAA CT TTAA TATA CGCTATTGGA GCTGGAATTA
201 CCGCGGCTGC TGGCAC CAGA CTTGCCCTCC AATGGATCCT CGTTAAAGGA
251 TTTAAAGTGG ACTCATTCCA ATTACAGGGC CTCGAAAGAG TCCTGTATWG
301 TAAHHHAAGT CACTACCTCC CCGGGTCGGG AGTGGTAAT TTGAGMGCT
351 GCGCCTTCCT TGGATGTGGW AGHCGTTCT CAGGCTCCCT C

ug445 Length: 443 July 15, 1996 1:22 PM Check: 5322 ..

1 GAATTCCACA TCTCAAGAAA CTCAAAGAAT CATACTGTCA AAGACAGGG
51 GTTCCAATGA ATTCACTCAG GTTTCTCTTT GAAGGT CAGA GAATTGCTGA
101 TAATCATACT CCGAAAGAAC TGGGAATGGA GGAAGAAGAT GTGATTGAAG
151 TTTATCAGGA ACAAAACGGGG GGTCACTCGA CGGTTAGAT AATTCTTTT
201 ATTTTTTATT TTTCTTCCC CTCAATCCTT TTTTATTTT AAAAATAGTT
251 CTTTTGTAAT GTGGTGTCA AAATGAAAAT TGAATACTGG CACTCCATCT
301 CTTAGAACAT ATGAATTCTA GTGTTCAATA TTCATTATTG GTTGTTTTG
351 TTGTGCTGAT TTTTVGTGAT CAGACCTCAG CCCCTTAATA CTGCCCTTT
401 GCCCCTTAAG AGATTICATG TGTGGACAGA GAGGCCACCC TTT

ug446 Length: 382 July 15, 1996 1:22 PM Check: 2583 ..

1 GAATTCGATT CACAGTTGCC CCAGAGCAGA GTGTGCCCTT CCACAAAGCC
51 CTAGAGGACT GGCAGTATGA CATGATGCCA GGATGAAGCT GTGATGTGGA
101 CGAGAAGATA GACCCTGCTGG AGTGAGGGAG GGAAACCTCAG CTTGGTCAGG
151 CCTTGCAAGT GAGGGCAGAC GGACAGGGTG ACCTGGCTAC TAGACTAGGG
201 TGGCATTCTCT TCTGAATGAT CCCTGTGCCT TCCCAGAGAA AGGTGGGAGA
251 AATAAAAGGAC AGGGTGGGAA GGCAAGGGAG GTGACAGAGC CAGCTCCGTT
301 ATCTCCCCAG GCCTCCACAG CAGGGGTATC TGTCAAGTTCC ATGCACCCCA
351 GATCTGGGCC CAADCCTGAG GGTCCCCACC CT

ug447 Length: 521 July 15, 1996 1:22 PM Check: 8721 ..

1 GAATTCAAAG CAGCTATGGG CAGCAGCCTC CTACTAGTTA CCCCCCTCAG
51 ACTGGATCCT ACAGCCAGGC TCCAAGTCAA TATAGCCAAC AGAGCAGCAG
101 CTACGGGCAG CAGAGTTCAT TCCGACAGGA CCACCCAGT AGCATGGGTG
151 TTTATGGGCA GGAGTCTGGA GGATTTCCG GACCAGGAGA GAACCGGAGC
201 TTGAGTGGCC CTGATAACCG GGGCAGGGGA AGAGGGGGAT TTGATCGTGG
251 AGGCATGAGC AGAGGTGGGC GGGGAGGAGG ACCGTGGACT SGGGTAAGAG
301 CAAAACCTTT CTCCCTTTAT CTAATTTTGT TTCATCCATA GGATTTCAA
351 TGGAAAGAAG GGACTGAAAG ACATAAGAAA TTTATCCCAC TTTTCATGGA
401 CAATCTATTC SDCAAGCTAT CTCCTAAAAC ATGGAAATGT CATTAAAGTG
451 CAGTTTGCTT TTTTCCCTGC CAGTAACCAT TGTTGGGCTG GGTGAACAAA
501 GAATGCTTTG AAACTAGAGC T

ug448 Length: 347 July 15, 1996 1:22 PM Check: 4684 ..

1 GAATTCTGTTT ATATTCTTAT CCTCCCAGGA TTTGGAATTA TTTCACATGT
51 AGTTACTTAC TACTCCGGAA AAAAAGAACC TTTCGGCTAT ATAGGAATAG
101 TATGAGCAAT AATGTCTATT GGCTTTCTAG GCTTTATTGT ATGAGCCCCAC
151 CACATATTCA CAGTAGGATT AGATGTAGAC ACACGATCTT ACTTTACATC
201 AGCCACTATA ATTATCGCAA TTCCTACCAGG TGTCAAAGTA TTTAGCTGAC
251 TTGCAACCT ACACGGAGGT AATATTAAAT GATCTCCAGC TATACTATGA
301 GCCTTAGGCT TTATTTCTT ATTTACAGTT GGTGGCTCTA TGGAGGT

ug449 Length: 343 July 15, 1996 1:22 PM Check: 1704 ..

1 GAATTCACTG GGAATAGTGG GTACTGCAC T AAGTATTTA ATTGAGCAG
51 AATTAGGTCA ACCAGGTGCC TTTTAGGAGA TGACCAAATT TACAATGTTA
101 TCGTAACTGC CCATGCTTTT GTTATAATTT TCCTCATAGT AATACCAATA
151 ATAATTGGAG GCTTTGGAAA CTGACTTGTC CCACTAATAA TCGGAGCCCC
201 AGATATAGCA TTCCCACGAA TAAATAATAT AAGTTTTGA CTCCTACCAC
251 CATCATTCT CCTCTCCTA GCATCATCAA TAGTAGAAGC AGGAGCAGGA
301 ACGHTGAACA GTCTACCCAC CTCTHGCCGG AAATCTAGCC CAT

ug450 Length: 386 July 15, 1996 1:22 PM Check: 7567 ..

1 GAATTCTGTTT TGGGATAGCA TTTGAAATGT AAATGAAGAA AATACCTAAT
51 TAAAAAAAAA CTTAAAAAT TAAAAAAAAA AAGGAATGTG TGCTGGCTGG
101 GTGGGTGAGT GATGCTGGGT GGTTGGTGGT GGTCCACACC TCTAATCCCA
151 GCTTCCGGTA GAGGTGGCA GATCTCTGAG TTCCAGGCCA GACTGGTCTA
201 TAGAGCCAGC TGCAGAACAA CCAGGACTAC ACAGAGAAC ACTGTCTCAA
251 AAAACAACAA CAAAATGTAT GTCTAGCCTC TTHGCCAACT CTGTACTCTT
301 AACTGTTGA TAAACTGAGT CATAGAAGAA GCYGTGAAAT CTATAATGCB
351 ACACATGAA AGGACCAGGR AAGCGCCAGT CTGCCT

ug451 Length: 518 July 15, 1996 1:22 PM Check: 9353 ..

1 GAATTCCCTTA TGAAATATTTC TGCATACTTA AATGAAGCTG GACTACAGTG
51 TTCTACGATA TCATCGAAGA TGCACAATCC CCATTGTCTG TCTGGCCATG
101 GTCTTTGCGG ACAAAATCAGG TTGACAATTA ATGGGAGCAG CTGTTCAAAC
151 CACGGCAACA CCTTTTCTTT GTAGCTACTG AATATTGAGT GTAAAATATC
201 CGACACTTTA GTCAGTATAT AAACATCATT ATCATCCTCA TCTTGTAGTG
251 ACTCTTCAAC CTGCTCGTCA TAGTCTTCAT CTTGTCTTT AACCTGCCGC
301 AACCTCTGAT TTTTGAAATG TKCTTCAAGC TTCGCCCTCA GGATGCCCTCC
351 CAGCTCCTCA AAGTGCTCAT TGTTGAGGCA CCCGTCTCCC ATGACCTCAA
401 TGCACITITGC AAAGGAATGC ATGATCTCCG AGAGGACATC TGAGTCGGGC
451 TCTGTGCCGA TGGCCTTGAT GAGAGCMCGC ACATGAAGTG CCACATCTGT
501 GTAAGGTACC SGGACCCC

ug452 Length: 528 July 15, 1996 1:22 PM Check: 8547 ..

1 GAATTCCCCG GCTCGAGCAG CCGCTTTTTT TTTTTTWMWC TTTTAGTGGA
51 CCTGAGAGTT AAATCAAGGG CCTTGTGCAT GCTCACAGTA CACCCCTACTG
101 CTGAGCTATA TCTCCAGACC CAGAACATCTAT TTAGTTTATA AATAACTTCC
151 TAATGCCGTG CTAATGATGC ATATCTTAAA TAAGTAAATA TGTTAAATAA
201 AACAGTATTTC ATTTTAGTTT TAAGTAATAG GCTATCTTGA ATTTTTAGTT
251 TAAGGTAAAT CAAATAAAAT TAAGACTATA AATGAATCCT ACTTCTATTA
301 TTTATCATAAC TGTATATTGA CTTATGCTTT TATATTTTAA CATTGGCATT
351 CAAGTCATAT GAATCATGTA AAATIGGCTG CTTTTAACTA TTGTAGTTG
401 TTATTTGAGT GGTATTCTAT GTTGCTTAGA TTTTAACGT GCCATGTGTT
451 TTATAGTTA TATGGTTTA TCCTGATTAT CTTTTGTAA ATGTGGGAGC
501 TAAGAACTTA AAGAATTTCG AAAATCGA

ug453 Length: 396 July 15, 1996 1:22 PM Check: 9828 ..

1 GAATTACTGA TTTGTGTTGC TTTAACAAACA GCAGACTCAT ACATCTCCCT
51 TTTAGTRGGC TGAACCCCTGT ATCTGAATAA TAAGGGATCG ATTGCATCTT
101 TCTTCCTCCC ATGGTGAAAA GACTGCTTTG TGTTTCCGAG TCGTCACTGT
151 CCCTGATGAC AATCGTCTCT CCATCAGCAC TGCTCAGGTG THCGTTAGCA
201 AAACCATTCT GATGTAATGG AGGGAGGACT TCCAAGATTC TACACTGCWG
251 CCTTGTGCCA TTGTTTCCGA ATGACTTCCA CAGTCTCTTC AACAAAATAT
301 CGGTCCCTTGA CATAGGCAAA GATATCATCA CAGATTTCAT GCAADC GTGA
351 ACACGAGTAA GGTTGGTCAG GTATAAAACG GAATAATTAG TGGTTC

ug454 Length: 388 July 15, 1996 1:22 PM Check: 3759 ..

1 GAATTCTTA CAGATGATTG TGAACAAACCA TGTGCTTGTT AGGAATAGAA
51 CTCAGGACTT CTGAAAGAGC AGTCAGTGCG ACCATCTCTC CAGCCATGTT
101 TTACCTGTTT ATAAAGTGGG GCTGTGTATT TAGAAGGGTG AACACAGTAG
151 AGAGAGTATG TTTCTGCGTC CTGGGCATTT GTGAACTAGA TGCCCAGCGG
201 CTGGTCCTCC TCCATCCCCT CCTTCCTGTT TCAGTCAATT CTAGTGTAGA
251 TGGCATTTTT AAGTCCATGT TTTTATGTTT TCTGGTTAAT GGTTATCCTT
301 CAGATGGTAA TTCTTACCCCT TGTATTTGGG CAGAGCAAA AGGCTTTGGC
351 TCTAGACTGG CCAGCAGTTT ACCTGGATAA RGGTACTT

00000000000000000000000000000000

ug455 Length: 420 July 15, 1996 1:22 PM Check: 7443 ..

1 GAATTCTTGG GGTTAGTGAG GTCAACTTCC TCGGAGTCGT AGTCTGAGAG
51 GATCCACGGG AAGACAGGGT ACTGCATGAG GTCATTGTA GATCTGCCTG
101 CCAGCGTGT CAAGTCATC AAATACTGGA AGTTGCTGAT TTCACCTCTC
151 TCCCATCTCT GAGTCACAGA CTTCTCTCCA ACCAGAGTGC TGAGTAACCC
201 AGACCCCTTGT TCCACACTGG TGTTTGGTCT CTGTCGGAC ACAGACTCCG
251 AGCTGTCCGT GAGAGAGGGC ACAACTGCCA GGAACCTTG GTAGACTTTA
301 TTCCGAATDC CCTTTGAAA AGCCAGGAGG TAGTCCGTC CATCTCCAGA
351 GAAAACTTCA ACAGCGATAG GCTGGAGGAG ATATCTCCTT TTATGCACCT
401 CCTTGATGTC TTCATATGCA

ug456 Length: 367 July 18, 1996 12:14 PM Check: 7428 ..

1 GAATTCTTTT TTTTTAAAAAA TGACAATACA AAAGTACCTT TACACAATTT
51 ATAAAAGCAT AATTGATGAT AAAGCAAGTA GGAGTCTCAC AGTCAAGTGG
101 CACGGGGCT GGGGCCATGA GCAGTCCCTG AACACCAGCT TGGATGTCTA
151 AGTTCCCAGT GCTGCCTGCC CCCGTMCTCT AGTTTACAGT GAAAAGGCC
201 ATATTCCAGG CCTTGGTGT TCTTTTTTTAACCTTTAAA AACTTGACAT
251 TACTTCTCAT GAAAAATAAA TGAAATAACC CTCCCAAACM ACTGACAAAA
301 ATMATTAAAA WWTGACCCTT TTTHAMCACA ACACAAGCRG ATCAAAAMCA
351 AAGGTTICCAA AGGATTG

ug457 Length: 271 July 18, 1996 12:14 PM Check: 4355 ..

1 GAATTCCCCG GCTCGAGCGG CCCCTTTTTT TTTTTTTTTT TAAATTTTG
51 GTTTTTTCGAG ACAGGGTTTC TCTTTATAGC CCTGGCTGTC CTGGAACCTCA
101 CTCTGTAGAC CAGGCTGGCC TTGAACTCAG AAATCCACCT GCCTCTGCCT
151 CCTGAGTGCT GGGATTAAAG GAGTGCGCCA CCACGCCAG CTTATGGGAC
201 CCCCTTTCA TTGTAGTCTG GGGTACAAGT ACAGAAGCCC TTGAGGGCT
251 CTGAACCTGT ACTGCCCCCA G

ug458 Length: 378 July 18, 1996 12:14 PM Check: 756 ..

1 GAATTCCGAC AGAGCATCTG TACATCCCTC AGAACTCAGA GTGAACATGC
51 TCAGAACATCG GCTCTGACGG GTGATTTGAA GAATCTGTGT TTGAAGCACT
101 TGACTCATCA ACTGGTTCAA ATGGTCGAA GTTTGCATAT GTCACCTCTT
151 GGGCTAGTTG CTCTAGGGAA GGGCGGCCATA ATAGCAGGTT TCGGAGTGAA
201 ATTCGAGTCA TCAGGAAGCT GCGTCGAAAG ACGTAGAGCT TTCGCAGCAC
251 GAAGCGGAGA AATCGCTCAT GGAAAGGGCT ATTTCGCCTG CGTTCAATTT
301 CTTGGAGCTT CCTCTGTCGT CTGAGAAAAG TTTGGACCAG AAGTGTGGC
351 TCAGGGCCCC TTTTCTTCCC TTCCAAAG

ug459 Length: 459 July 18, 1996 12:14 PM Check: 1420 ..

1 GAATTCCCTT TACTCATATT TATCTCCTTA TTTTAAGAG ATTTGTTTTC
51 TTTTAAAAAT CTGTGTGTGT CTGTGTGTGT GGAGTGTGTC AGAAAAGGCC
101 AGAAGAGGGT GTCAGGTCCC CTGGGGCTGG AGTTACTGGC TGAGGTGAGC
151 TGCCCTCAAAC AGGGCTGGGA ACTGAACCTCA GGTTGTCTGC AGAAACAGAA
201 AGTGCTCTTA ACTACTGAGC CACCTTTTR GCCCTCTGCC AATGTTAGT
251 CTAACCACTA TTTCTAAGCT TCTGGTTCTC TGTGTACAGC ACAGGAATAA
301 AAACAACATC TAAGGCTGGR AAARTGGCAC DCACCTTTAA TCCAGCACTT
351 GAGAGGCAGA GGCAGGGGGA TCGAGGCCAG CCTGGTCTAC AGAGTAGTCC
401 AGGACAGCCA TGTAGAAAAA CTAATAATGA TAACAACAAAC AACAAACCACC
451 ACCAAACCC

ug460 Length: 135 July 18, 1996 12:14 PM Check: 7182 ..

1 GAATWCGTGT MGTGGTCTCC GAACDGCCCG GAAGCDCCGC AGTCACCGAC
51 GGGACCAGAA GTGGCATGAC AAACAGTACA AGAAARVVCA CTTGGGCACA
101 GCCTGAAGGC CAATCGTTG GGGGTTCTCA TGCAA

ug461 Length: 326 July 18, 1996 12:14 PM Check: 4991 ..

1 GAATTACTTT GATGATAATC CACACAATAT TGATGTGAAT AAATTAAAGG
51 TGTAAATTTC CAAAGTATAA TTACAAAAAT AAAAGTAACA GACTGGAAGA
101 GTATTATTTA ATGGTCTACC AAAGATCTAT AAGCAAGAGT TTTGGGGAAG
151 AAATAACACT ATTTTGTATT TCACTATATT CATTAAAC TAAAGCTTGT
201 AATCTCTATT TTTAAAATCA CATTATATCA CTMCTTTTT TTTTTTTTTT
251 GGGTTTTWGT TTTTTTTWC GAGACAAGGG TTTCTCTGTA TAGCCCTGGC
301 TGTCCCTGGAA TCACCTTGTA GATCAG

ug462 Length: 247 July 18, 1996 12:14 PM Check: 6054 ..

1 GAATTCCTGA GGAGTCCCTG GGTCAATGGC AGCAGAGGAG CTGGGCC
51 AGATCACAGT ATGGCACTCA CACATTTCA AGCCAGAACT GAACAGAGGA
101 GTTCGTAACT CGGTTTATTG AGGCGATATT TTGGCTATAT TCAGTGTGGA
151 TAGCGATGCT TCAGAGAAA CACAAATCTA TGAGAAGTCA GAGGTAGCTT
201 TTATCATCTG TCTAAAAGGT TTAAAGAAC CACCTCTGT ATGTGAT

ug463 Length: 302 July 18, 1996 12:14 PM Check: 307 ..

1 GAATTCGATG TGTGTCCTAC ATGCTGGTGG TTTTACCCCT ACCTGCTGCC
51 CATGCTCTTT CCTGCTCTC GGTAAGGCCG AGCAACAAGG GTTTACAGGA
101 AACCGAGATT CTTCCCGAGG CTCTCTGGG CTCCTAGTGA GGGACTCAGT
151 GAGCGGGAGC CCTTGGAAAA GAAGACGGCA GAGCTGAAGT GAAAAGCAGT
201 CTCTTCAGGA GGGATGTTCC CTCACCCCTT CACAGCACCA AAGTTCTTT
251 GCAAAATAGG GTCTGAGCTA CAAAAGGGAG GCAGATGTGC TTGTGAATGC
301 AT

ug464 Length: 310 July 18, 1996 12:14 PM Check: 8917 ..

1 GAATTCCCCA CAGCAGAAGG GAGGAGACAG CCAAGAAAGA GTGAGCTGAA
51 AGTCAGGCCA GGATAAAAGTT CTACCCAGAA GTGTCTGAGA GCCATCAAGC
101 CTTGTCCACC ATGATGGGCT CCATCCTTCA AACCATAGCC AGAACAGGCT
151 CTTTCTCTGG TAAGTTGCTT CTGTCAGGAA ATTCACTCT GCAATGAGTA
201 AAGTTCCCTCC TGCACCTGCA GAGGATGGGC AAGCACCGGG GAGTCTAGGG
251 GTCATCCAGC CCACCTGCC CGCAGGBCTG AGCTAGACTG AGTGAGAAAG
301 GGAGCACAAA

ug465 Length: 366 July 18, 1996 12:14 PM Check: 6476 ..

1 GAATTCCCG GCTCGAGCGG CCGCTTTTTT TTTTTTTTTT TTTGTAAAAA
51 GAAACATGAT TCTTTATTGA AGGAACAGCC GCCATACAAA GATCTATTGC
101 TTCCTACACC GCTACACTCA GAAGGAAGCC GAGAAAGCTA CAATAGGGSG
151 MGCATGCAGA ACCACAAACT GGAAAGCAGA GAGATCCTCT AAGGCACCGA
201 CTGGAGCCTG TTTTCCCAGC CTCTATGTCC AGTGCCTCTC TCAGCCCAGG
251 GAGAGCAGGG GAAGGCAAGG TTGTTCTCTC CTGCACCAAGA CACTTAGATT
301 TCTCTCTAAG AAGAAACCAC TTTTCCATCC ACTGATTCCCT CCACACTGAT
351 ATGGAAATTG CTGCTG

ug466 Length: 384 July 18, 1996 12:14 PM Check: 9347 ..

1 GAATTCTTT TCTACAATGG TGCTCACAGA GACCTGCTTA CACTGTAGCT
51 GCTTAATAAA ATCCTTCACT TGCAATGACCA TGTTCTGAGC AATATTTATC
101 TCCAGCTCAG TGTGCCTCCT CTTCATGTTG TGCAAGTTGTT GGTCAGCAGTC
151 CTGCAGGTAA ATCCAGAGCT CGGCCTTCAG GCTCTTGATC TCCTCCCAGC
201 CCTGAGTTAA GTTCTGTGCT TGGACCAGCC TTTGTTCAAT CAGCTGCTCT
251 GTTTGCTGAA TATCTTTTGC TGTGTTTTC ACTGAGGAGT TTGACAAGTC
301 ACACATGGAG CAAAGGAGAT CCAAGTAGGT CCTGGCCTGC TCTTGCAAAG
351 CTCTGAAGTG TTTGACCTGC TTAACAGCTT CTGC

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ug467 Length: 400 July 18, 1996 12:14 PM Check: 7449 ..

1 GAATTCCCTC TTTAAAGGCT TTGTCACAAC AAACAGAGTA AAGTTTACCT
51 CCCAGAACCA CCTTTCCCAC ATGCAGAGGT AAGAAAATAC CAAAAGGGCC
101 CAAACGAAAT GTGGGTGGTG GTGTGACATA GGATAGTGGC AGTCTTCATG
151 CCTAAAACAG CCCTAGGTAG AGCCAGGTAG AGTGGCAAAC CCTGTAAACC
201 CAGCACTACG GGAGCAGACA GGTGTGAGTT CCAGGCCAGC CTGGGATCCA
251 GCAACACTAA GTCTTAAACT ATACATGCGC ATKCKCKCCK CACACACACA
301 CDCKCTGTGA AAGGGGCTGA GTAAGGTACA GACCTTTAAT CCCAGCCTGG
351 GGAGGCAGAG ACAGGCCAGC CTGGTTTACA AAGTGAATTG CMGGCCAGTC

ug468 Length: 432 July 18, 1996 12:14 PM Check: 4383 ..

1 GAATTCACTTA TCCTTCGCCT AGGACGTGTC ACTCCCTGAT TGGCTGCAGC
51 CCATCGGCCG AGTTGACGTC ACAGGGAAAGG CAGAGCACAT GGAGTGGAGA
101 ACGACCCTCG GCACATGCGC AGATTATTTG TTTACCACTT AGAACACAGC
151 TGTCAGGCC ATCTTGTAAC GGCGAATGTG GGCGCGGCTC CCAACATCTC
201 CCCCTTTCTT TTTAATAAGA GCAAATAGGC CACCCATATT AATGAGAGTG
251 GAGATAGAGG TCAAATCCCC AGTGTGTAAGG TAAAGGAGCC ATGTACAGGA
301 TTAGCTCTTA GGCTCACAGG CTTTTACCCA GAGCAACCT GACCTGCTCC
351 CGTGTCTTT TTCCTGGGGG AAGGGAACTA GGACACTGAA CCTTCATGAA
401 AGATGACATG TCTCCCTAGA ATAGGCTCAT AT

ug470 Length: 416 July 18, 1996 12:14 PM Check: 8768 ..

1 GAATTCAAAA AAAACAACAA CATTGGCTTA AGTCATCCT GATTCACAT
51 TTAAGGAA TACTGGAGCC GGGCGTGGTG GCGCACVCCT TTAATCCAG
101 GTCTCGGGAG GTAGAGGCAG GTGGATTCT GAGTTGGAGG TTGGCCTGAT
151 CTACAAAGTG AGTCCAGGA CAGCCAGGGC TACACAGAGA AACCTGTCT
201 CAAAAAGAAA AAAAWAAA AAAAAAAA AGAACATGG GTCAGTGAGT
251 GGAGGTACTT ACCCTAAATC TGGCATCCTG AATTGATTT CCAGGACTCA
301 CTGGTAGAGG GAAACMDCTG ACTCCTGCAA GTTGCCTTT GATCTCTATA
351 TGTGGTTGT GGCATGTGTA TCCCTGATGG GCAATAATTC ACCAAGTAAA
401 TTAATTAAAA TATAAT

ug471 Length: 434 July 18, 1996 12:14 PM Check: 2036 ..

1 GAATTCCAGA AAGCACACAG CACAATAATC TTAAGCACTA TTGAGGAAAG
51 GAGAGCCCCCT GATCAGGCTA CCTTTGGTCT CTTAAAGGCT CCTGAGTACT
101 AGTGGGACAT GGAAACTCTC CATTACTGAG TTGTTTCAGT GTCATTCTAG
151 CTTCCCTGATG AGATGGCATC TAATGGAAA ATGAACTCGC TTGGCTCCCA
201 CAAGGAGAGG GGAACACTTA GCTGCTGCCT GTCTCTAAAG GCATGACTGT
251 GTAGCACTTC ACTACCCCT GAACTACTAG CATTAGAACATC TAGTTCAAA
301 AGGAAGAACCA AAGGRACCCCT CGATTGCTAA CAGTATGTAA AGGTGCAGGC
351 GGTAGCAGGG AGGAGGACTG ATGTGTAGTA GCATGAAATC TGGAATGAGG
401 TTTTCATGAG AAGCCACACT AACTTATGAG TCAC

ug472 Length: 423 July 18, 1996 12:14 PM Check: 5099 ..

1 GAATTCGGCG ATCCAAGCT TGCTGGTCC TTTAAGCAGG CTGACAATCG
51 TTCTTTCTTA ATGAAGTGGG TTAATACTTT CTCCTAAATT TCCATTGATT
101 CAAATGAAAAA CTTGGTCTGT GTTCCAGGGG TGTAAACTCC AAAGACAGTG
151 TATTAAATCT GATTCTATT TTGTACGTTT AATTCTGGA CTCAGCACCT
201 TAGAAGCTGT GACTGGCTGT GTTCTTAGCA TGGCAGGAAA TACTTTCACT
251 GGATTTAAAAA AMVCTGTAGA AACGATGAGT AGTTGAGTCA CTACGTCTTT
301 TCAAAGCATG TTAAAACTAC CTCCAGAAAT AGGTTTGCCT TTAATCAAAA
351 AGCAAACAGC AGTTTGGAGT TAGGGGCTGA AAATGAAAGG AGAAAGGTTG
401 AGAGCTATGA CCCAGCCCGG GCC

ug473 Length: 240 July 18, 1996 12:14 PM Check: 4827 ..

1 GAATTCGGCA GCATGATCCC TCCTGAGGCT TCCGTTGACA ATCTGCCAG
51 TCACTGGGTG GATTAGACCA GCTTGCAGAA TTCCAGACAA GTCCATACCG
101 AGAGCTCCTT GAAGTGAACt GATAGCACCA ATCTTAGGGG YGCDGGCACT
151 CACTGGAAA GGAGATGTGG CTCCTGGAGA CCCCTCTGAG GAGCAGGAGA
201 GGTCTATAGC TGACTCCCCA TGCCAGCCAT TGAGGACAAT

ug474 Length: 136 July 18, 1996 12:14 PM Check: 7792 ..

1 GAATTCGTTT TTTGAGACAG GGTTTTCTG TATAGCTCTG GCTGTCTGG
51 AACTCACTTT GTAGACCAGA CTGGCCTCGA ATTCAAGAAAT CCGCCCGCCT
101 CTGTCTCCTG AGTGCTGAGA TTAAAGGCGT GCACCA

ug475 Length: 267 July 18, 1996 12:14 PM Check: 6880 ..

1 GAATTCGGCG CCGTAGCCAT CATGAATGAC ACAGTAACCA TCCGGACCAG
51 GAAGTTCATG ACCAACCGTC TGCTTCAGAG GAAACAGATG GTCATTGATG
101 TCCTTCATCC TGGGAAGGCA ACAGTACCAA AGACAGAAAT TCGGGAAAAG
151 CTGGCCAAAA TGTACAAAAC CACACCAGAT GTCATCTTTG TATTGGATT
201 CAGAACCCAC TTCGGTGGTG GCAAGACCAC TGGCTTKGGC ATGATCTATG
251 ATYCTTTAGA TTATGCA

ug476 Length: 386 July 18, 1996 12:14 PM Check: 8402 ..

1 GAATTCGTGG TTGTGAGCCA CCATGTGGTT GCTGGGATCC GAACTCAGGA
51 CCTTTGGAAG ACCAGTCAGT GCTCTTAACC GCTGAGCCAT CTCACCAGCC
101 CCTACTTGTC AGATCTTGG AAATAAAACT CTCTACTTAT CCCTGAGGCC
151 ATTAGGTTTG CCAGCCAGTG GCTATACCTG ACAAGCCACA GCATGGTCCC
201 TTATATAACA TGAAAAGTGGG AACAAATAAT GAGACTACTA AAGGGAGGAA
251 CAAGATAGGG CAATGGTGGC AGGAAACAAA ATTGTTCCAT TCTCTCTCAC
301 AAGGGCAATC TAGGTTAAA AACAGTGAGT ATTTGTGTGA AACCAAACACT
351 BGAGAGAAGA AGGGGTCAG TGAGAGAGGA AAGAGA

ug477 Length: 447 July 18, 1996 12:14 PM Check: 9575 ..

1 GAATTCGTT CTTCTTCCAC ATACCGTCCA AAAAGAACAT GCATGGTCCC
51 CAGACCAGAA GTAACAACAC TGCCTAAAAA CTTGCTAGAA AAGGACAATG
101 ACCCCACCCC AGATCTACAG AATGAGAAC TGTCTGGGTT TTAACAGACC
151 AGATAAGTGT GCTTTAACAA GCTTGAGAAC CTGAAGCACA CCATCCTTT
201 CAGCCGAGAA GCCACGAGGG GGAGTACAAC TTAACAGCCA TGGGTATCTG
251 TTATGCCAAG GTCAAAGGTA GCATCCTCTG AGGAGACTCC AGGGAGTACT
301 GGGAACMACA CTCAGAGGAG AAATWACCAC CACAGAGCAG GAGGGAGAAA
351 GAGAAGTAGT GTATTAGGAC ACCAAAGAGA TAGAGTCTCC CAGGATTGAT
401 GCTGGCTTAG AAGCCAGAGC AAAAGATATC CMGTGTTGTT ATCTTTC

ug478 Length: 319 July 18, 1996 12:14 PM Check: 5134 ..

1 GAATTCCATA AACCCAAATC TCTGCCAGG GTGATGGGTA CAGGCAACCC
51 CTCTTGGTC TCCACCTAAC AGCCCCTTTC TCCTGCAGTA TGAAGCACAT
101 CTCCCTGTCCT CTGCTCATCT TGCATGCCGA GGATGATCCA GTTGTGCCCT
151 TTCATCTCGG TAGAAAGCTA TACAACATTG CTGCACCATC TCGGAGTTTC
201 CGAGACTTCA AAGTCCAGTT TATCCCCTTT CACTCAGACC TTGGCTACAG
251 ACATAAAATAC ATCTACAAGA GCCCAGAGCT TCCAAGGATA CTGAGGGAAT
301 TCCTAGGGAA GTCGAACCC

ug479 Length: 281 July 18, 1996 12:14 PM Check: 7639 ..

1 GAATTCTCGC ATTCCCTCCTC CTCCGCTCGC TCTTCCACCT CCATCTCCTC
51 CTGCTCTGCC CGGTCCACGT CGTGGATGCC CACCAGGAGA CTGTAATCCA
101 TGATCTTCAG CTGGGCCAGG AACTCAACGT CCCGCTTCAG TTTTCCAGG
151 AAGTTCTTT TGCTCTCTTC TCCCACGTGC AGCTTCTGCC CTTHGTTGAG
201 GAAGTCATTIA TCTTGAAAG TTGGCAAGTC CTTAGCCTTT HHCTTGTAC
251 HGCTTCTCTG GCAACAGTGG AACCCCTTCAG G

ug480 Length: 301 July 18, 1996 12:14 PM Check: 9694 ..

1 GAATTCCCTT TCTTTTTCT TTTTCTTCCT TCTAATCTCT CCCCAGGTAT
51 TCCTACCTGA CCTTAACCTT TCCTCGGGTT CAAGACCCCTT GGAAAGGCCT
101 GTATACTTAC CGTTTCTCCT TGCTCCTACT CTCTCTCCCC GCTTTACTHC
151 YGATAGACTG TCCTGAATT CCTCTAGAAT TTTCAGCCCT ATCTTAAGCA
201 CTATATAACA WGTGAAAAGG RACAAAAGGG CKTCTAACAC TAGAAAAATT
251 TAAGGCCAAA CATAACTTGT AAAGCCATT TCCACTTTAC TTCTGATAGA
301 C

ug481 Length: 391 July 15, 1996 1:22 PM Check: 2589 ..

1 GAATTCCCTT CTTCCCTCCT TCCTTCCCTC TGGCCTTCCT CTTCTTCCTC
51 CTTTTCCCT TCCCTCTCCT CTTCCCTAGC CTCAGGAGAC TTCACGGGAG
101 ACTTTCCGGC TTCTGGTTCC TCCTCCTTTT CTCGGCCTCT TCCTTCTCCT
151 CTTTGGCGGA GGCTGCCAAC TCCTCTGCGA TGGCTGTGAG GGTTTCTTCC
201 ATTTCTGACT TCTCATCTTC CMCTTAGTT TCTTCGATGA TCTCCTCCAC
251 AAATTTGTGT TGGACCTTGA GCTTGGGGC CTCGACTTTG GTCTTCTGAA
301 TCTTACTGGA TATTGTGACT GAGGGCTGTC GGTGTGTGTA CAGARGCCCG
351 GTGATGCTTC CTGAAAATGT GCTAAATCTG GTCTCTCCCC C

ug481 Length: 280 July 18, 1996 12:14 PM Check: 3767 ..

1 GAATTCTGGCT CGAGCAGCCG CTTTTTTTTT TTTTTTTTTT TTTTAAAATA
51 TACAGATATA TTTATATTAT CAAAAAGTAT CCAAAGTGGG GAAGGGATAG
101 CAGACAGCCA CAGCCTGGGC CTCCCTGCCA GCACACACCA GAAGAGGGCT
151 GATGTCCCCA AGTCCAGATG TCACCCCTGCA GAAGCTTCCC ACGAGCTCCC
201 TTGTAGACCC CCSGGAGTAC GTTCAGAGTG TCACCCCTTTC CATTGGGAG
251 CCTGTGGGAA GGGGGTGGGC TCCCTCCAG

ug482 Length: 246 July 18, 1996 12:14 PM Check: 5133 ..

1 GAATTCCCGG CTCGAGCGGC CCCTTTTTT TGGGGGGGAG ACGGGGGCTC
51 AGGGTGTGAA CATGAGGTGA GACCTGGCAT GGCAGGGCTG AGTCGTGCCT
101 GCTGTCAGCC CCTCTCTGTC CTTCCCGAGG CTGAGGGGGR ACTCAAGCTC
151 CCTTCCCCAG CAGAGCCCAC CCACCCACCC HGCCTTCAAA GCCCCCTTIG
201 GAGAGTTAAC TGTCCTGTG AGGCCTCAC TCAACCAATA AGCCCC

ug483 Length: 439 July 18, 1996 12:14 PM Check: 2583 ..

1 GAATTCTGAT TTAAAATGAC CACTTCAATG CAGGAACCTG CCGTGCCAGG
51 CACTTAGCAT GCTGGCATT TGGCTCTCAG CTTGTCCAGA CGCTACAGCA
101 GCAGCAGCAC AAGTCTCAGG ATCATCATGA GGCTGAGTCA CAGGAAGAGG
151 AAGACAGAGG GACAGTCACG CTGATGGACA GGCCTGCTGT GTACTGCCCT
201 GTCATGTCCC TGTGCTGTGG GCTCTGAGGG CTCTGTACM GCCCTCTCA
251 GAGGAAGCAA GGGGACTCA TTTTACTGTG TCCCAACTTC CCAGATGCAA
301 CTTGAAAATA TTCCCTTAAR VVTGCAACTA GACCAGCAGG CATTACTTTC
351 TTGGACCTCT TAAATCTCAC AMCCATTATG GTGCCAGGA AGAAACTGTA
401 AACAAATGACA CTTTGACATC CCGTTGTCAT TGGAGACAC

ug484 Length: 415 July 18, 1996 12:14 PM Check: 1616 ..

1 GAATTCTGAA TCCACTAATA TTTATGGGTG TTATCACAAG TATAACAATA
51 AGATGGTCAA CTACAAAAAA CAATAAAACA GTTGCCAAA TAGCAGCGTA
101 CCCCTACGTT AGCACAGCCA GGTATAAAGA TCCGTAGCCA CACCAAACTC
151 TACAAC TGAC TGTAAAGTGG CATAACAGTA AATAGAGGAA CAACCCATGT
201 TCAGGGATTA GTGAGAGGGT CCAGATGTTA GAAGCTGCRC CTCCCTCCCCA
251 CTCCTTGAC TCACTCCATC ACTTAATGCA ACTAAAGCGT GTTCTTCTTT
301 CCTTTTCHCT CCTATCTGAC AATGTATGCT GATATTAATT TGAAGVCAAT
351 AGCCCCAACT GCCTTGAAAA CAAAGAAGTA TTATGAGTTG TTTGAACACA
401 TGGGKATTAA AAAAC

ug485 Length: 61 July 18, 1996 12:14 PM Check: 6732 ..

1 GAATTCCGCGC GCTGTCTTCC CGCTCGCGTC AGGGACCTGC CCGACTCAGC
51 GGCGGCCATG G

ug486 Length: 393 July 18, 1996 12:14 PM Check: 7716 ..

1 GAATTCTTCT CGCGTGCCTC TCACAATACA GCTCCCCCTC CACGAAGAAG
51 TAGCCTTTCT GCTTGAGGTT GAGGTTACAG TCGGCACACA CAAAGCACTC
101 GGGGTGCCGG TACTTATCCC GGGCCTTGAC GACAGCACCT ACAATACCAC
151 TCCCCACACTT GTCACAGAGC GGCATCCTCT GGGCACTGCC AGCCCCACCG
201 TGGACTTTCG TAACCGGAGC CCTCACGCTT CGAGTTCCAG CGGGACGGTC
251 ATCAGGCCCG TCATTCACCA GATCCTGCAG CACCTGAAG GAGCCGACT
301 GGCGAGGAGC VGCTGGGTCA TCCCGGTGT CATGGAGCAT CGGTACACGT
351 CCGACTGAGG GGGCACTGAA GCYGTGGGT CATTTGCAG TGA

ug487 Length: 434 July 18, 1996 12:14 PM Check: 1872 ..

1 GAATTCGGTT TGAATATGCT TGGCCCATGT GAAGTGGCAC TATTAGGATA
51 TGTGGCCTTG TTGGAGTAGT TGTGGCTTG TTGTAGGAAG TGCATCACCT
101 TGGGGGTGTG CTTTGAAGCT CCGCRCAGTG GGAAAGAGAC CCTCCTAGCT
151 GCAGGGGCGA AAGTTTGTTC CTGGCTTCCT TTGGATGAAG ATGTAAAATT
201 CTCAGCCCCCT TCADCGCCAT GCCTGCCTAG ATGCTGCTGT GAGTCCTGCC
251 ATGATGATAA TAGACTAACAC CTCAGAACCG ATAAGCCAGT ATCAATTAAA
301 TGTTGTCCCTT TATAAGAGTH GCCTCAGTCA TGGTATCTGT TCACTGCAAT
351 GAAACCCCTAA GTAAGACACT AACAGAAACT ATAATCATTG GAGGAGAAC
401 ACAATTGAGA AAATGCCTCC ATAAAACTGG TGTG

ug488 Length: 300 July 18, 1996 12:14 PM Check: 1742 ..

1 GAATTCGAGA GAACGAACTA CCCAGCAGCT CAGGTCAAGTC ACCTTTCCCC
51 ATCCCCCTAACC CCTGCCTGCA GGTTTGTTC ATTGTGCTGA GGAATGTCCC
101 TGCCTCTGGG ATGACATCCA GGTGGTATAA ATGGAAAAGT GACAAATTAT
151 TCCTTTGCTC TAGTGTAGGC ATTGCTGTAA TTAGTAGCAA GTTGGAACCT
201 TAGGAAAAAA AAATCTCACC GGAGTGTGAA GATGCATTCT AATCCTCACT
251 CTGCAGAGTA AATAAAGTGT CACACCAGTA GCCTDCCCGA GGCCACTTCT

ug489 Length: 495 July 18, 1996 12:14 PM Check: 6554 ..

1 GATTCAACAC TCCTCGTCCC CATTCTAACATC GCCATAGCCT TCCTAACATT
51 AGTAGAACGC AAAATCTTAG GGTACATACA ACTACGAAAA GGCCCTAACAA
101 TTGTTGGTCC ATACGGCATT TTACAACCCT TTGCAGACGC CATAAAATTA
151 TTTATAAAAG AACCAATACS CCCTTTAACAA ACCTCTATAT CCTTATTAT
201 TATTGCACCT ACCCTATCAC TCACACTAGC ATTAAGTCTA TGAGTTCCCC
251 TACCAATACC ACACCCATTAA ATTAATTAA ACCTAGGGAT TTTATTTATT
301 TTAGCAACAT CTAGCCTATC AGTTTACTCC ATTCATGAT CAGGATGAGC
351 CTCAAACTCC AAATACTCAC TATTGGAGC TTTACVAGCC GTAGCCAAA
401 CAATTCATA TGAAGTAACC ATAGCTATTA TCCTTTATC AGTTCTATTA
451 ATAAATGGAT CCTACTCTCT ACAAACACTT ATTACAACCC AAGAC

ug491 Length: 393 July 18, 1996 12:14 PM Check: 4538 ..

1 GAATTCTGTT TTGTAATGTT AACATTAACA ATTTTTTTTT TTTTAATTCA
51 AAAGATTCCA GGCTTCTTG ACACATATCTT TACTCTTTAT ATACTCAGGA
101 GGTGGTGCTC CAAGGGCAAA GAATATTACA ACWGACTTAG CCAATTAAAC
151 TGCTCCAGCT GGGAAATACAC TCTAACAGA ACCCCTACAA TCAGAGTCCT
201 ATGGCTCTCT CTGAAGAGCA ATGTAATCA AACATTAGCA CATTCTATT
251 ACCTGCTTAA ATGTCGAAG TCTATCCAGT GTCCCTGTGTC TCTCTGGCT
301 AACCCAGGCA CTTTTCTTT CCTCTTCATC ATGCAATTG TCTCTCTTAA
351 TTTGTATTGT ATGATGGGCT CTATATTCACT CTTCACTCTG AAA

ug492 Length: 244 July 18, 1996 12:14 PM Check: 2392 ..

1 GAATTCTGG GTCAGAAGCA GCTTTCATGT TAGTCTTGA TTTCTACCTT
51 ACTGAGTTM CTGTTATTAT ACTACATACT CCAGACTAGC TGGACCCTTG
101 AGCTTCTGGC CAGCTCCTCT GTGTCTACCC CAACCAGCT GTACGAGTAC
151 TGAGATTACA TACTTGCATC ATTGCACCTG GCTTCTCACT CGGTTCTGGA
201 GWTCAAACCTT GGGTTACCGG CTTGCAGTAG CAAATGTTTT TACC

YOD2E0 "Z64Z6E60

ug493 Length: 164 July 18, 1996 12:14 PM Check: 1060 ..

1 GAATTCGCTA TTTATATATA AGCGATAATA TGGGTTTGT A CATTAGTT
51 TAAAAAAAGGG AAAGTTTGT TCTGTATATT TTGTTACCTT TTACAGAATA
101 AAAGAATTCA ACATTAAGAA CCATGTAACC GAGACACTTG ATCTGACACA
151 GGGGCMGTCG GGAA

ug494 Length: 149 July 18, 1996 12:14 PM Check: 2831 ..

1 GAATTCTTAG GAAGTTAAAA AAAAATAGTT TTGTAATTAA AGTATAAACAA
51 AACATAGGCA ATGCACACCT TGTCAATCAC TGGAGTAGGA TCATTGGATT
101 CAAATCATAA TGTGGATAGG ATAGGGAGGA TGAATTACCA GGATTCA

ug495 Length: 59 July 18, 1996 12:14 PM Check: 7284 ..

1 GAATTCGCTC TCTTCTGGGT CTCTGAGGGC GGGCACTGCK CTCACACGTG
51 GGCACACAC

ug496 Length: 194 July 18, 1996 12:14 PM Check: 6052 ..

1 GAATCCHTAT TTAAAAAAGA TTGGTCCTCA AGATGTTCAT TCAAATTATT
51 CTTACATACA CGACTCTGAA ACTTTCCACA ACTGCATTTT TACCTAAAAA
101 TCATCATAAA CCATTCAATT AAGCTAAATT AACYGGTCTC HGTAGAAATG
151 CTACAAATAC AAAATACTAC CTAGTCYGAT TTTACAAATC AAAT

ug497 Length: 319 July 18, 1996 12:14 PM Check: 4742 ..

1 GAATTCCCCA TGTGTGATA ATTTATCCAT GCATAGCTTA CTATGGCAGC
51 TTTTTGTATG TGGTACCATT TACCACTTAC TTTTTTTATT TTATGTATAT
101 GAGTACACTA TAGCAGTCTT CAAACACCCC AGAAGAGGGC ATCAGATCCC
151 ATTACAGATG GTTKCAGCCA CCATGCGTTC GGGACCTCTG GAAGAACAGT
201 CAGTCCCTTA ACTGCTGAGT CATCTCTCCA GCCCCTGGTT CTCACTCTTA
251 AGAAAAAAAAA GCAGTAGTCT TAGTATCAAC TGTAAAAAG GTAGATGTGG
301 TTAGTAGTAT TACYGAAAC

TACGGCTTCAAGGAA

ug498 Length: 278 July 18, 1996 12:14 PM Check: 6183 ..

1 GAATTCCGGAT TTTAAAATT ATGTGTATTT GTGTGTGTCC CTATGAATGT
51 AGGTGCCTAT AGAGGCCGGA GGTATTGCAT GTCCTGGCCT GACAGAGCGT
101 TGTTTGTGAC CGGCTAGACG TAGGTGCCAT GGCTTGTAGA AGAACAGGAT
151 GGTCTTGTCT CTGTCTCCAG CTCCTTATTA ATCTATGAGG GCTCTATCTG
201 CATGAACACC TACATGCCAG ARRRGGGCAT CAGATCCCCT TACAGGTGGT
251 TGTRAGCCAC CATGTGGTTR CTGGGAGT.

ug499 Length: 103 July 18, 1996 12:14 PM Check: 7115 ..

1 GAATTCGAAC CCTCTATCTA CTATCGGAGC CTGAGCGGGA ATAGTGGGTA
51 CTGCACTAAG TATTTMACG AGCAGAATTA GGTCAACCGG TGCCTTTGG
101 AGA

ug500 Length: 299 July 19, 1996 3:09 PM Check: 9002 ..

1 GAATTCCCCA GTCAAAGTTT GTAAATGGGA TCCCCATGAG AATGACTTCM
51 GTGGAGCAAC CGAGAGAYGC AGAATTCCAA CCCCCTCTA GACTTACTGG
101 MTCAGAGTCT TCATAGGCTC AGCCCAGTGA CCCCTGAATG TAGCTGTGTC
151 TGAGGGAGGC TGTTTMCMA ACTCTTACVC TCCCTCAGTT GGSCAGSCTT
201 TTTTACATTC TTGACTTCTA ATCCCCATA TGGAGACCTC CACCGCCTAC
251 ATTTCTAGGA TGCTTTCCCT CAGTTCTTT AAAAACAACAA CAAAAAAAC

ug501 Length: 289 July 19, 1996 3:09 PM Check: 6774 ..

1 GAATTGTGA TACCTGGCTC CTAGGTGACG ACCCTCAGGC GTCTGAATAC
51 TTTCTTCTCT TTATTACACA GGCCCACATT CACAATTACC GTTGGTAGCA
101 GACGAGACTA GATCTTCGAG CCCCTGACAA CATACTACT TCAAAGCTAG
151 CAGAATGAAG ATRCVAAATG ACTGTGTCTT AAAAGTATCT TCTGTCTAC
201 TGATGATAAA GCATTCCCTTC AACTCATAGT TCCTATTTAT GTATAGAGCC
251 TAACTCCCTTC ACTGCCTCTT TGTTCTATAA AAGTCCAGG

TOE000000000000000000

ug502 Length: 305 July 19, 1996 3:09 PM Check: 6081 ..

1 GAATTCCCGG CCCAGCDCCG CTTTTTTTTT TTTTTTYCTC TAGGATTTG
51 ACATTGCTGG TGAGTTKAC CCAATGATCC CTGATGCAGA GTGTTGAGG
101 ATCATGTGTG AAATCCTAAG TGGACTGCCAG CTGGGGACT TTCTCATTAA
151 GGTGAGGCTA GTCTTGTACA TAATAAAGGA GAAGTTGAA TTTKGCTGT
201 GAAATTGTCT TAGTATIGAT TTAATGAGTC AAGAAATTAA GAGATGGCCA
251 TTGTTTGAG GGAADGGCAT TGATTGCCAA GGACATAGGT TAATTATATT
301 GRGTT

ug504 Length: 290 July 19, 1996 3:09 PM Check: 5469 ..

1 GAATTCTGTA TCAAAGTGAC ACAGCCCACA GGGGACAGAG AAGGCCAAG
51 GACTCTCCAA ATTCAGTG CATAACAGT CAGCACACTG ATAACAGCAA
101 GCCTCTAAGG GATTGGTAA CCTCACTGCC TGATCAGCTA CAAAAACTGG
151 ACAGAGATTT GATTATGGTA CAGAGCAGCA TATTGGGTG ACATAAAAAT
201 GTCACCAAGT GDAAGCAATT AGAGCATCCC AACCTAAATC CATTGCAAG
251 TCCTAAGAAT CTACATGAGA AGACTATTGA AAAATATTTTC

ug505 Length: 168 July 19, 1996 3:09 PM Check: 7170 ..

1 GAATTCTCC AATCTMCACC TATACCTMAA AATCATGAAT CTGACTAGCC
51 ATGCCATGAA AACCACTCA GTACTAGAGG ATGAACCAGT TTTCAATGTT
101 ATCAGCCCTG GAAAACGCC CAGCTCCDC CCCCCAGCACA TTCTATTTG
151 TTTTAACATT TTATAAAT

ug506 Length: 275 July 19, 1996 3:09 PM Check: 5577 ..

1 GAATTGAGG AATATCAACT TAGTGCTATT TTCACATCGT TCAGTCAC
51 TTAGCCAGAG TTCCAACCCC TACTTAAAT TCAACTAGAA AGTTACCTAC
101 CAAGTACTAA TTAGCATTAT AAMGTCAGAG CCTGCAGCTC CAGGCCTTTC
151 AGTTAGTTGT TTACTAGAAA GGACAGTCTT AAGCCAGATA CAGTTCTCA
201 TAAGAAAGTT AAAGAATCCA GTGAAGCAAG TTTTTCTTT AGCCCTAGAT
251 TCCCGGCAGA CTATTGAGCA TAGAT

Year	Population	Area (sq km)	Density (per sq km)
1950	1,000,000	100,000	10
1960	1,500,000	100,000	15
1970	2,000,000	100,000	20
1980	2,500,000	100,000	25
1990	3,000,000	100,000	30
2000	3,500,000	100,000	35
2010	4,000,000	100,000	40
2020	4,500,000	100,000	45
2030	5,000,000	100,000	50
2040	5,500,000	100,000	55
2050	6,000,000	100,000	60
2060	6,500,000	100,000	65
2070	7,000,000	100,000	70
2080	7,500,000	100,000	75
2090	8,000,000	100,000	80
2100	8,500,000	100,000	85

ug507 Length: 113 July 19, 1996 3:09 PM Check: 1242 ...

1 GAATTCCCTGG CTTGGTCCAG CTGCCCTTTC TTCTCCTCTG TTCTTCCTCC
51 TCCTCTTCCT CCTCACTTCC CTTGGCTGCT TTTCCATTCA GAGAAGCTGG
101 AGTCCATTGG CCT

ug508 Length: 220 July 19, 1996 3:09 PM Check: 7077 ..

1 GAATTCTGAA ATGGCACTGT AAAAGGGCAT TTATCAACAT ACAATGTAA
51 CACCTAACAG AAAAGTGTGA ATTCCGGGATC AGAAAAATTTC AACGTTAAT
101 TTGTTAAACT TAAAGCTGTC ACTGGATATA GAAAATAAA TTAACCTTAGA
151 TTACTTTAAA GATCTACTGT CAGTTAAACC TCCACATATT TTTTTTAATA
201 ATTTAACCAAG CTTGTCTAAA

ug509 Length: 156 July 19, 1996 3:09 PM Check: 7949 ..

1 GAATTCCCAA AGTGGGAGGA ATGTTAACAC YGCGATAGAC ACCAAGAAAG
51 AGAGTTGGGG GCTAGAGAGA GGCTCAGTGG TTAAGAGCAC GACTACTCTT
101 CCAGAGGTCC TGAGTTCAAT TCCCAGCAAC CACATGGTGC TCACAACCAT
151 CTGTAA

ug510 Length: 187 July 19, 1996 3:09 PM Check: 6440 ..

1 GAATTCTGCA TATCACATAG TTAATCCAAG TCCATGACCA TTAACHSGHC
51 CCTCHHMCTC CTTCTAACAT CAGGTCTAGT AATATGATTT CACTATAATT
101 CAATTACMCT ATAACCCCCG CCTACWCACC AATATCCYCA CAATATATCA
151 ATGATGACGA GACGTAATTG GTGAAGGAAAC CTACCAA

ug511 Length: 92 July 19, 1996 3:09 PM Check: 2306 ..

1 GAATTCTGATC CTTTGAGCCA TACAAACGTGT TTTCGCTTTA AAACAAAGCA
51 GACACTAATA AACCCACCGTA TAGATAAAAGG ATAGAAGAAT TT

UG514 UG516 UG517

ug514 Length: 104 July 19, 1996 3:09 PM Check: 6125 ..

1 GAATTCCCTGG CTTTTTTTTT TCTTCATTTT CTTCGTCATC ATCGTCATCC
51 TCGGAATCAC TCCAGGDCWC GTAATTATYC TGATTCCGT GT ATTGTCACT
101 CAAC

ug516 Length: 366 July 19, 1996 3:09 PM Check: 7425 ..

1 GAATTCCGGG TCTCAGGGCT TGTAGGCTGT TTTATGATTC ATGTTCAAG
51 ATGCTGAAGT TAGGTTCCATA TGTCAGGAAA TCGTAGGTGC ACCTGAATTC
101 TGTGAACAGG ATGTCTTGTG GACTTCAGAC CTTAGCCTAA GCTTGTGTTG
151 AAAAACATGT CCCCCGTTGG AAAAATGCTA TGTCTGGGGAA TCTTTACCCA
201 AAGGACCTAA GTTACATTAA TTTAGTTTTT TCTTGAGACA GCTTAGGTTG
251 GTCTTTAACT TGCAGCAGTC CTCATACTTT GGCTCTTCA TGCTGGGTT
301 AAAGTGTGTC TCATCAGGCT CAGACATATT CTTGGGAGGT AGGAAAGAAA
351 GCATGSGGCA GAGAAC

ug517 Length: 447 July 19, 1996 3:09 PM Check: 1651 ..

1 GAATTCCGAG CACTTACCAT CTGCCCTCAG GAATATACT GCTGCACCAC
51 AGAAATGGAA GACAAGCTGA GTCAACAGAG TAAACTGGAG TTTGAAAACC
101 TTGTAGAAGA GACAAGCCAC TTTGTGAGGA CCACGTTGT GT CGAGGCAC
151 AAGAAATTG ATGAGTTTTT CCGAGAGCTG CTGGAAAACS CAGAAAAGTC
201 CCTAAATGAC ATGTTGTCC GGACCTACGG GATGCTGTAC ATGCAGAATT
251 CAGAGGTATT CCAGGACCTC TTCACTGAGC TAAAVCGGTA CTACACAGGG
301 GGTAACGTCA ACCTGGAAGA GATGCTCAAT GACTTCTGGR CTCGGCTCCT
351 GGAGAGGATG TTCCAGCTGA TTAACCCCCA GTATCAGTTC AGCVAGGACT
401 ACCTGGAGTG TGAAVCAAG TACACAGACC AGCGAAGCAT TTGGAGA

TGCCTTCAGGAA TGGCTGCTTG

ug518 Length: 372 July 19, 1996 3:09 PM Check: 2278 ..

1 GAATTCAATCA GAGGTTGATG TAACCCCTGG TTTAGCTAAA TTTTTCCGTT
51 TAGATTCAAC TTCTTTCTTC CCTTCTTCT TATCTGGTTC TTTTCTTGGC
101 TTCTCTTCTT CCTTTGGCC TTCTTCCCTCT TTTTTAAGCT GCTTTTTAGG
151 TTGTTCTCC TCTGGTCCCT TTTTTTTACT TTTATCTTCA TCAATAACCA
201 TGTCACCGTC TGAAGGACAA GGCTGCTTA CCACTTAGG TCTGCCTCTT
251 GGTTTGGGAA TCTTGACTTC AGTAGCTGCA GGTCGTCCCTC TCTTAGGACT
301 TGCTTTACACA TTAGAAGCGG TTGCTGCAGT CACCATTCCC GCCTCTTCAG
351 TGTCTACTTG TTTTCAGCC TT

ug519 Length: 372 July 19, 1996 3:09 PM Check: 4007 ..

1 GAATTCTTT TTTTTCCCTT TTTTAATTTT CCACAGGCC TCTGTGTTTG
51 AGACTGTGCC CACTAGTCTG AAGGTTGAGA GGATTATTTTC GATTGGCAAT
101 TAAGACACAA GGGGCACCTG GTGGGCACAG CGCCCACCTA CTCTTCCATA
151 TGCAGTTGTC TGCATAATTG TGCAAATGAG AAAAAAAAGA TTTATTACACA
201 AGAAGAAATG TGTAGCGTGT AGAGATGGCT TAATTGAGT TCCTCGGGCA
251 GGCCGGCTCS CTGGGGGCTT TCTTCATCTT CCCTACTGAC CCCCATCACA
301 AAGGGATGAA GATGCCAGA TGCCAGGGAA GGGCTGCTTG GTCCCTGGCA
351 GGGCCACTGA GCCCGTCAC GG

ug520 Length: 313 July 19, 1996 3:09 PM Check: 1898 ..

1 GAATTGGCA TGACCACTGT CATTGGGCT GTGAGATGAC CAAGAGTCCC
51 CAGAGTCCTG GGGATAGAGA GCCCTCCATC CTGGGAGTGG AAACCTTATG
101 GTGTGTTATC TAGTTAGCAG GAAATGTTAG AGACCACAGT AGGGACAGGT
151 GAAAGTCCTGT TGCCTCACAG GGTCTGACAC TGATGGAGCA GATTGTGTCA
201 ACAATGTGTC ACAGGAATGG AAAGAATGTG CCCTGAGGCC ACCTCCCCAC
251 CCCACCCCAA AAAACCCCAT AAAACCAAAA ATCAAATAAA TGAATAAACCA
301 CACACACACA CAC

ug521 Length: 283 July 19, 1996 3:09 PM Check: 4351 ..

1 GAATTCAATTG CCTTGAGATA GGGTCTCAAG TTGAATTTAG AAGTACGTAT
51 TGGATAGGCT ACCACGCAG TTCTTTGAT CTCTACCTGG KCCCAACGTT
101 AAGGTGTAAGG CCAGCTCAGC CATGCCCTGGC TTTTCATGG GCACAGGGAG
151 ATTCAAGCCC TCATGCTTAC ACAGCAAGCA CCTGTAGAAT TTTAATCCAG
201 CAACATGGCT GCTCCAGCGA GGGATCACAT CCAAAGGCCT TCTAGGTCTA
251 TGTGATCCGB CTGGAGAATT CCACCACACT GGC

ug522 Length: 342 July 19, 1996 3:09 PM Check: 3560 ..

1 GAATTCCCTTC AGAACAGTCA TTTACATTTT TCTTATTTTA TAAAAATAAT
51 AGTTTAAAAA AAAACCAAAC CACAACAAAA ATCACATGTT CACAGTAGAG
101 GGTTACTGTT AGGTTTTAAC ACTGTTCTTC ATGCCGTTTC TGCAGCGTAA
151 SAGCAAACAA ATCCACAAAC TTAGACACCC ATATCTTGGG GGCTGGAGTG
201 ATGCTCAGCA GTTAAGAGCA CTGACAGCTT TTWGTCTGA GTTCAAATCC
251 CAGCAATCAC ATGGTGGTTC ATGACCATCC GTAATGAGAT CTGACCCCT
301 TTTGTGGTGT GTCTGAAGAC AGCTATAGTG TACTTACACC CA

ug523 Length: 373 July 19, 1996 3:09 PM Check: 6241 ..

1 GAATTGGCG CCTTCCTTTA GACGCATCCC CCGGGCCCT GAGGAGTCAG
51 CCCGCTCACT CCCGGCGAGG TCCACCAAGC TGATCTTACT GACCTTTCT
101 GAATCCAGGC CAGTAAGCTG GTCATGGAT CGCTGGTAA AGACAATAGT
151 AAAGACGGCA TGGGAGCGGC TGCTGGTCTC GTTCATGTTG GTGGCAGCCA
201 CGGTTCTTGC CTTATTTCCA CAGTCCATGA GGTCGGCAAT GTCTGCATAG
251 GAAGTCACAG CCAGTTAGA CAGGTCTTGC ACGTACGGGC CTAGGATGGG
301 GTGCTCCGG ACCCGCAGAG AGCCCCGACT CTTGGGGTT CAAGAGGTCT
351 CGTACYCCTC GCAATAGATT TCC

ug524 Length: 474 July 21, 1996 2:38 PM Check: 2400 ..

1 GAATTCTGAAG AAGATGATGA TGATGAATAA GTGGTTCTA GCGCAGTTT
51 TTTTTCTTGT CTATAAACCA TTTAACCCCC CTGTACACAA CTCACTCCTT
101 TTAAAGAAAA AAATTGAAAT GTAAGGCTGT GTAAGATTTG TTTTTAAACT
151 GTACAGTGTC TTTTTTTGTA TAGTTAACAC ACTACCGAAT GTGTCTTAG
201 ATAGCCCTGT CCTGGTGGTA TTTTCAATAG CCACTAACCT TGCCTGGTAC
251 AGTCTGGGG TTGTAATTG GCATGGAAAT TTAAAGCAGG TTCTTGTGG
301 TGCACAGCAC AAATTAGTTA TATATGGGA CAGTAGTTG GTTTTTGTT
351 TTGTTTTTTT TTTTTTTCT TTTGGTTTC TTTTTGGGT TTTATTTTTT
401 TTCATCTCA GTTGTCTCTG ATGCAGCTTA TACGAAGATA ATTGTTGTT
451 TGTTAACTGA ATACCACTCT GTAA

ug525 Length: 538 July 21, 1996 2:38 PM Check: 5425 ..

1 GAATTCAAAC TAGAACCCAA GTCACAGCAT TTTCCCACAT AACTCTGAGG
51 CCATGGCCA TCCACAGCCT CCTGGTCCCC TGCACATACCC AGTGTCTCAC
101 TGGCTGTGTT GGAAACGGAG TTGCATAAGC TCACCGTCCA CAAGCACGAG
151 GAGATATCTC TAGCTTCAT TTCTGTTTG CATTGACTC TTAACACTCA
201 CCCAGACTCT GTGCTTATT CATTGGGG GATGTGGCT TTTTCCCCTG
251 GTGGTTGGA GTTAGGCAGA GGGAAAGTTAC AGACACAGGT ACAAAATTG
301 GGTAAAGATG CTGTGAGACC TGAGGACCA CCAGTCAGAA CCCACATGGC
351 AAGTCTTAGT AGCCTAGGTC AAGGAAAGAC AGAATAATCC AGAGCTGTGG
401 CACACATGAC AGACTCCCAG CAGCCCCGA CCCTGCTGTC TTCTCGACTC
451 TTAGGGCGTT TCTTTCCATG TTTGGCTGTT GGKTTTAGTT TTGGTGAGCC
501 ATGGGTGGBC CAGAACATCA CTCAACTGCA ATTGGGCT

ugs001.seq Length: 233 July 9, 1997 19:17 Type: N Check: 2639 ..

1 aaagtattgt gttaactcat tagtctggaa aagcaactaa aaaagtttag
51 tgtaaataca atagaatgcc atatttgttt ataaaaaagg aggtggactg
101 tgtgactgac tgtgatacag tagggtggca agggcgaggc agccatcatt
151 acgtgtgagc agcgacctca ctgacactac actgctgaac ccaaacagta
201 gagcagcaga tgcttatcag gagacctgca cag

ugs003.seq Length: 195 July 9, 1997 19:17 Type: N Check: 3478 ..

1 tgccaagtag cctacactgg ctttgctgtg gccctcctac atttgtctcc
51 tctgtgctca aagtatatga gtctgttatg gatattgctg gctgtaaaac
101 aacataaata atcactttta gtgatatttt tgctatacat gttgaacaca
151 aaagctttac atgcttgat cagtctggat taattgcgat acatc

ugs005.seq Length: 201 July 9, 1997 19:17 Type: N Check: 2665 ..

1 gcggccccgtt tttttttttt tttttttttt ttttttagta gaaatatttt
51 attggtgaga ccccaccatc tgcacaaagt ggtcctggaa tcaagctcct
101 tcctccttgg caatgcgatc tttcttgagt ggtccataaa tgtttcttct
151 ctcatggctg gagcgacatg caattgagtg gtcatgacta gatttcaggc
201 c

ugs006.seq Length: 188 July 9, 1997 19:17 Type: N Check: 337 ..

1 ccgggtcgag cggccctttt tttttttttt tttttttttt tcgtgactta
51 caacctttta ttagtgaaag tgaccatggg ttcaaataag tgtgattgct
101 ctgctccgct cgctctggga gcagtgtttc tttttttttt aattcaagat
151 gactaaaaaa gtcactttca agtgactgtg tgtctgag

ugs007.seq Length: 227 July 9, 1997 19:17 Type: N Check: 2962 ..

1 gttcatagaa aagtactcaa tttttactt gcaaaggcgt cctgggttaa
51 ggtaagttt atatgtgtgc actgttacaa agtttgcttt gtagatggag
101 agcccgatac accgtatttg aaaaaaggta gaaagcagaa atgatagatt
151 ctgataccta ggaagttaga tacagatttc agtgatatgt catatgcattg
201 gatgagagta aatactatta atatcag

ugs008.seq Length: 90 July 9, 1997 19:17 Type: N Check: 1855 ..

1 gttaacagca actttattat tccatgtga aaaaagttgt agttgttgat
51 gcattcacat aaattacaat agtggaggat cataaattac

ugs009.seq Length: 199 July 9, 1997 19:17 Type: N Check: 3567 ..

1 caggaaggct gtcccacagg aatataagtg aggcacaaat gttatTTAA
51 tatttccagt atgatgtgtta gggctgggga ggagggacgg gggaaatggc
101 tcagaagata aaaaacccgt caacaaggct gacaacatga gttcaatccc
151 aggttaggaag aactgactct atagctgtct ctgacatcat gtttgtcat

ugs010.seq Length: 188 July 9, 1997 19:17 Type: N Check: 7984 ..

1 ctggtaCTGT ggccCTCCGT gaaatcagac gctatcagaa gtccactgaa
51 cttctgatcc gcaagctccc ctttcagcgt ctggTgcgag aaattgctca
101 ggacttcaaa acagatctgc gtttcagagt gcagctattg gtgCTTCGA
151 ghaggcagtt gaggctattt gtttgaaga tacaatct

ugs011.seq Length: 174 July 9, 1997 19:17 Type: N Check: 6872 ..

1 gaaacaggag gggtcagtct gtcagaaaaa gttgacagtg aactaaaaac
51 tttagaaacaa ttatcttcat tttcttctga tgaggaagat cctggctcgt
101 gtggccatga tatctataag aacacctctg ctcccttact gtgtggatg
151 ctacttcogat aaacaagaaa cttg

ugs012.seq Length: 166 July 9, 1997 19:17 Type: N Check: 9395 ..

1 ccgtcttaagt gcccagcaca tgactacagc tttgtcacat cctggctcta
51 tccaaagctgt ctacacctcat ctgcccacag ttcttgggct gcagaccaga
101 ctgtttctgc aggtttgttc ctgcctctct ggcttcactc ttgtaccctt
151 ctccccaaata ttctct

ugs013.seq Length: 121 July 9, 1997 19:17 Type: N Check: 7469 ..

1 gcaactaaaa aagtttgtgt aaatacaata gaataccata ttgcgatata
51 tataaaaaaag gaggcggaact gcgtgactgc tgtgcattcag tcaggggtggc
101 aaggcgagg cagcatcagt t

ugs014.seq Length: 270 July 9, 1997 19:17 Type: N Check: 3392 ..

1 aaagaaaaca ttgtttctta atttgtaacg ttaaagtctc ctggaaactcc
51 tacttctaat gaaaattgca aatttagatag agagaaagag agagagaatg
101 aatacatctc tcaatagaac cttgtacatt tatcatgtat aaggctatca
151 atcatatatctg aggctagact cttagaatta ctctgagcc attctccctt
201 cgccatgaca ctgatgcaca tatacatagc tgtctacttc ttctagctac
251 tgacttatat atatatgtgt

ugs015.seq Length: 156 July 9, 1997 19:17 Type: N Check: 9263 ..

1 ggtgagcagc gctgcctgaa gctgcggca ttcccgatca gaaatgagcg
51 ccagtcgtcg tcggctctcg gcaccgaatg cgtatgattc tccgccagca
101 tcgttcggca gtgcgtcgac agacgcccgt tggctgtaaag tgcagtaaag
151 cgccgg

ugs016.seq Length: 231 July 9, 1997 19:17 Type: N Check: 5748 ..

1 ccaactaaag gaactgcctg aaaaaatgcc cagaactctc caggaacctc
51 gtgtccatga gaatgaggat caccaagctg cgaaaatccg acttcaatgg
101 actgaacaat gtgcttgtca tagaactggg cggcaaccca ctgaaaaaac
151 tctgggattt aaaaacggagc cttcaggact gaagagtctc tcataactcg
201 atctcagaca ccaacataac tgcgatctca g

ugs017.seq Length: 206 July 9, 1997 19:17 Type: N Check: 4524 ..

1 cagtgctaac aggtccatga ctgggtccag gtcctgcctg ggctgctcag
51 cgaagagttc gccatggct cgtaggcgc tccagtgaag gcaatggctg
101 attcagaccc acggagaagg cctgctgatc cagctcaaag gcttggccga
151 gaccccgaa gactccccac cttctgatac tccttcttga aagccagtca
201 cctctt

ugs018.seq Length: 262 July 9, 1997 19:17 Type: N Check: 6110 ..

1 ggagatggct tagtgataa gagtacttct atgcaagcat gaggacataa
51 cctcagtaaa aggctgagca tatccgtgt tacctataac aagtatctgc
101 agttctcagg aactctctgg gtaatcaggc taactaaaac agtgaactgc
151 cacttcagtg agagaccctg tctcaaggca acaagacaga tagtaataga
201 gggagacacc aatgtctctg tttcaaca cacacatag gaggcatgtg
251 gttaaatgtca ct

ugs019.seq Length: 219 July 9, 1997 19:17 Type: N Check: 828 ..

1 cagcgacaga cggacagact ctcgggtgg cacactcacg ataaaagctg
51 gcaggctgac agaggcaacc tcaggacgga ctttctggct actgaccatt
101 ttccctgtgtc ttactaggat cgtgtgtgga cgtgagatca ccatgagctc
151 cgttgacagt tttgacccaa gagagttttt ctgaacatcg aagtggctg
201 gttccacaac aaatcaagt

ugs020.seq Length: 167 July 9, 1997 19:17 Type: N Check: 1949 ..

1 gtggacaaag cgtccccatc gcttacggga gtgtctgccc aagatatcg
51 tgaaaacgtgg atctaattca atgttgtact tgtcaatata gtcataataaa
101 tcttctgttc ccagaacctt ggctatcctc accaacctga tcataattgg
151 ctcatgtcca tggaaaa

ugs021.seq Length: 230 July 9, 1997 19:17 Type: N Check: 3441 ..

1 cagctctcca ccattgagct ggacagctgc tgtgacccag gctgctgaga
51 acgccacctc agctctgttg agggagcagg aaggctcacg tccagctccc
101 ctcaggcaca gatctcctgg caatgaaaagc gccatctctc cagcaagccg
151 tggagatgcg gctgaagatc aggttcataa gtttcggctc aaacttctta
201 aaaattaaag gcaaaaaga aaaaacttagct

ugs022.seq Length: 237 July 9, 1997 19:17 Type: N Check: 6282 ..

1 cgctcgcgtc tgccttaag gctctcctcg gtgtccacgg ctccctcttt
51 ctttgctttg cagcgatcct actgccagaa attcgccatg tctattctca
101 ggatcoacgc cagagagatc tttgactccc gtggaatcca ctgttgaggt
151 cgatctgtac accgcaaaag gtctcttgag ctgcggtgcc cagcgtgtc
201 actgactcta cagcctagaa ctcgagacat gataaga

ugs023.seq Length: 231 July 9, 1997 19:17 Type: N Check: 1910 ..

1 gatccacttg gatggccgcgatcgatccat tgaccataat agcaaaaatta
51 cccagtggaa gatccaagac tacagaaccc agccatcact ggtccggctg
101 ttccgtactc cagagagttt aagcagaaat acgactactt taggaagaaa
151 ttaaagaagc ctgctgatat tcaaacggtt taaaatgaaa cttacacgaa
201 acaacatatt tgaagagtct atgcaggatc a

ugs024.seq Length: 143 July 9, 1997 19:17 Type: N Check: 76 ..

1 atgaatttgc ttgggttgtt ttgttttgaa gacagggttt ctctgtgcaa
51 cagccctggc ttcactatgt aaataaaacta agctaagctg
101 gccttgaact cacagtgaca ggccttaat ctcagcactc aag

ugs025.seq Length: 113 July 9, 1997 19:17 Type: N Check: 398 ..

1 ccatattgaa tttagatatct tatttcagga catccatgtc aaaataaaac
51 aaaagagtca atccttgcaa caataatgtg tattcattaa aacgcatttc
101 acaatcatcc cat

ugs026.seq Length: 168 July 9, 1997 19:17 Type: N Check: 8286 ..

1 gctttggtaa atgtggact aaatcttagc attaatttggaa taacacacaa
51 agacagtacg aggcagaacg gaataaaatg attggaaaac gagctaacga
101 aaggcttagac tctgttacaa agcgtaagag ctccaggaaa tcaagataga
151 tagaaaaatat gatgatgc

ugs027.seq Length: 245 July 9, 1997 19:17 Type: N Check: 5052 ..

1 atgaaatatg tggaaacatc agcttctcag ttttggaaat taaacagtaa
51 gtcataaagc tcagataggg cactagctt gtgtgccat gaacagcagc
101 atcaacataa agtttggctc ttgagagcaa accaaggagc acgttgtaga
151 cctgatgttag gaataactgtt atatctggac tgagtggaaat gtcacgggtt
201 ggatgtgcaa gactgtgacg acacttgcga tgatcggtt atagg

ugs028.seq Length: 108 July 9, 1997 19:17 Type: N Check: 322 ..

1 gggccgtggc agagcgcgga gaggcctgcg ggtggcagcg gcggggcgccc
51 ccgtccggcc ggagccgagc cgagccgcgc cgccgtctgc tccgagccgt
101 aagccctt

ugs029.seq Length: 213 July 9, 1997 19:17 Type: N Check: 6384 ..

1 gccccccaga cctcttggaga gtcacccatgc catcaatggaa actccaaaccg
51 gcagagcaaa tctgagtctg actactcaga tggggacaat gacagcatca
101 acagcaccc tcactccaaat gacaccataa actcgctcga gtctcatcac
151 gggacagcct cggaacagac actcagcaag cagacatacc acaggagacc
201 gcacagctgg act

ugs030.seq Length: 153 July 9, 1997 19:17 Type: N Check: 9524 ..

1 gagcaactca ttgctgcaaa attctgtttt gctggccttg ttatagggca
51 gactattgtg gacatcatga gtcatgccac acaagctatt tttgaaattc
101 tggagaaaatc ctggctgccc caggactgta ccggttgata taagattgaa
151 ttt

ugs031.seq Length: 155 July 9, 1997 19:17 Type: N Check: 2529 ..

1 ctggttccct gggaggccag gagactcaga tctctggagc tagagttaca
51 ggtggctgtg agctgctaaa aagcgggaac taagccacag tcctttgtac
101 atatcttgcatt tatacaaagt aagaaattcc tcactcttctt
151 aacag

ugs032.seq Length: 229 July 9, 1997 19:17 Type: N Check: 2600 ..

1 cttcccaaat atgagagggt caaggaactg tgccagcaag ccagatacca
51 gacagcctgt gaggcagcctg ggcagaactg gcagtgcac gaggacacat
101 ccggcaagct ccgaatccac aagtgttaagg gacccagcga cctgctcacg
151 gtccgtcaga atgcacgcaa cctctactct cgccggattgc atgacaaaga
201 caaagagtgc attgttaggaa ctctgctat

ugs033.seq Length: 215 July 9, 1997 19:17 Type: N Check: 6705 ..

1 caggattct ttgtgtagtc ctggctgtcc tggaactcac tccgttagacc
51 aggcttgaac tcagaaatcc acctgcctct gcctcccaag tgctggaatt
101 aaaggcgtgc gcacccctgc ccattgcctg aacttttt atgtcagttc
151 tttgtctccc actagaaaaga atgttgagg accctctccc cattgccaca
201 aggtcagaag actct

ugs034.seq Length: 230 July 9, 1997 19:17 Type: N Check: 6027 ..

1 gggatatcaa aaaagtttaa aagcgaaact tgagctgcct gaaattcctg
51 tgacaaaaaga tgatgtagaa gattcagact cagaagttag tgaattttt
101 gatacgcttg atcagtttga tgaacttagag caaactttgg agacttactt
151 gctcatggaa gatcctatca taggaaagtc atcacagaag atagggcaca
201 atatgaaaac tgatgatctc agaatcagt

ugs035.seq Length: 212 July 9, 1997 19:17 Type: N Check: 6259 ..

1 acgcttagt tcaggattga acggagcata cacttcttcg aaacaaagct
51 tatttattct tgagcagcca cacattggtg cactctggtg caggaactgg
101 gaattcggga aaagtgggtg tatctctggt aatggaggct gagacatgcc
151 tggtcacctt ccaggaccat gacaggcctg actaatgaga gggcaaagg
201 ccttgagact gg

ugs036.seq Length: 212 July 9, 1997 19:17 Type: N Check: 2146 ..

1 aagatttatt ttacttatga gtacactgta gctgtacagg tggttgttag
51 ccatcaagta gttgctggga attgaactca ggacctttgc ttgctccagc
101 cccactcatt ctggcccaaa gatttattta ttgttatgt gagtatattg
151 tagcgtgtct tcagacacac cagaagaggg attcagactc attacagatg
201 gttgtgagca ca

ugs038.seq Length: 193 July 9, 1997 19:17 Type: N Check: 4286 ..

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1 ctgtattgtt attttctct cactacctcc ccgggtcgga gtgggttaatt  
51 tgcgcgccctg ctgccttcct tggatgtggt agccgttct caggtccctc  
101 tccggaatcg aaccctgatt ccccgtcacc cgtggcacca tggtaggcac  
151 gacgactacc atcgaaaagtt gatagggcag acctcgaatg ggt
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uacs039.seq Length: 226 July 9, 1997 19:17 Type: N Check: 6696 ..

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1 acaaaaactca aagtcttcca actgatgtgg atgtccttg atgtaaaaca  
51 ttctgtacgtt atttgctatc attgctctct gcacactctg tcacccaaagc  
101 cacaggattg agtgacacat ctctccaagt taaaaaatat ccattttcca  
151 ccacccaagtc tctgcaggc tcctttgct catactagcc tttcatgcct  
201 ggaccacccat catcacacacag ttcaag
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ugs040.seq Length: 243 July 9, 1997 19:17 Type: N Check: 6881 ..

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1 ctctctgtta ctgttctcta tattcagatg tcactataaa atatttcaat  
51 attccaatga attccttatct aaaacctaga atgcaaaaag cacacagaac  
101 aaattgccat tccttcttaa aatccactct ttctgcacta acttgcttct  
151 acttcaagta aaatttgttt tcaaaagcca ctgatcatat atactttaaa  
201 ttacttatac ttagagacac acagctaagt ctagatacat gag
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ugs041.seq Length: 261 July 9, 1997 19:17 Type: N Check: 8381 ..

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1 ttttacagag gtgcttagaa tccaaacttt ggtccttaca ctatgtcaaa  
51 aagcactttc cttgtccagt catctccctg cctttgcaca ctgcgatttt  
101 ggcacacacctg accaatgcta cctgtgaccc agatttctga ctgctatttc  
151 cctttgttca ttttaggccaa gaaacagaaaa cagaaccagt gcagacagggc  
201 tctacacctgtc tggcagtata cacttgctat gctcacatct atgcataactc  
251 agagactagt g
```

ugs042.seq Length: 274 July 9, 1997 19:17 Type: N Check: 9401 ..

1 gttcgtgtcc agtctgtatg aatgaatgtt ctatgtttt tggtggataa
51 taaagatggt ataaaaaaact ttatctgcaa agccgagagc tgccacgtgt
101 ttcagccagg aatcagacac gtggcgagag ggcccctcgt ggaaaaaaact
151 gttcggttta ggaaataggg cgagtgcaca gcctcttagtt cagagtaaaa
201 gctaataaaat gtctagatta atgtgttgca atgttaaggtt ttattatgtat
251 gagctcaaaa tatatcctga tgct

ugs043.seq Length: 252 July 9, 1997 19:17 Type: N Check: 8128 ..

1 caaatactag taaacctaca cagtgtgcac ataataacag acatattgc
51 tttcatatgc ggagtgtgta tatatttgag gttttcttct ttttttctct
101 ttctctttcc ttctgtttct ctctctgtgt ctccctctct gtctctgttt
151 ctgtctctct ctttttgtc tcccggtcat aaagtctact gtgcagttct
201 gactggctga acttcgtatg tagacaggct gttcaaatac gagatcacat
251 ga

ugs044.seq Length: 246 July 9, 1997 19:17 Type: N Check: 9158 ..

1 cctataaggc tgcagaccct ttcttctctt tgggtacttt ctctagctcc
51 ttctttgggg accctgtgct ctgtccaatg gatgactgtg agtgtccact
101 tctgtatgg ccaggcactg caaaggctca caagagacgg ctatatcagg
151 ctccctgtcag caaaagcttg ttgacatctg caatagtgcc tgggttggtg
201 gttgtttatg gatgatccga gtgtgcagtc actgtatgtac ttctcg

ugs045.seq Length: 246 July 9, 1997 19:17 Type: N Check: 4994 ..

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1 ttcacaatgg ttttgcaag ttaaacagtg aaggtgaatt aaattcatac  
51 tgtcttgcag acttcagggt ttcttccccca agacaaaaca ctaatctgtg  
101 tgcatattga caattcctta caatttatcag tcaaagaaaat gccatTTaaa  
151 attacaattt tttaatccc taatggatga ccactatcaa gatgtatact  
201 tqccctgttaac agtaatgatc tctatatcta gcacagtagt attaaa
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ugs046.seq Length: 213 July 9, 1997 19:17 Type: N Check: 9185 ..

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1 gaagttccag tgggctttta tttagataaaa ttaacaaaaaa gaaacaatca  
51 agattttacc aaccatcttt tctgaatgaa ccatgtatat aactccttaa  
101 agactcaggt ccatagacat gcacatacac tgtaacacat ccaacaaaaac  
151 agaccctccc actggaacat tgcataacag aagcatttct tccaatgttc  
201 aatttagtct act
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ugs047.seq Length: 256 July 9, 1997 19:17 Type: N Check: 1134

ugs048.seq Length: 234 July 9, 1997 19:17 Type: N Check: 2507 ..

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1 ccagggttgt ggggacacag atgagggctg ggaggggggg aacgcaagag  
51 ggcgggggggt ttcttcacga tcgcactgga agattttata agagtttgg  
101 ggggggggac agtaaagctc tgagccactt gggttcttca ggagtttctc  
151 ttaggagttt ctcttaggga aagttttttt ttccctttt ttaatataat  
201 aactataata tatatgaata taattgctaa tgtt
```

ugs050.seq Length: 167 July 9, 1997 19:17 Type: N Check: 3505 ..

1 cttccctgtc agttctggag tttgtatgaa ttctctgatg tcattgcctg
51 taacctcaag ttattccta atgtagaatg tctgcttggc actttttgtt
101 atttgtgtt ctgttattt gatgttggc cctngtctc aaaagatgaa
151 tgacctggag aaggaat

ugs051.seq Length: 170 July 9, 1997 19:17 Type: N Check: 837 ..

1 cacaatgtct atagctgcaa ccctgcttcc cacagtgaag tcttcccggt
51 ccttatttcc aaaggtagtt cagagaggc agacatcttgc cccccaagt
101 cctgaccat acttagccag agaacttagt ccataaataa atctacttgg
151 ccctaaagca aaatgcccc

ugs052.seq Length: 204 July 9, 1997 19:17 Type: N Check: 8683 ..

1 cgggctcgag cgcnntttt tggttgggtt ttctttctt tnctttttt
51 ttccctaact tttttngag gggggatgat agatttttta agtttcccct
101 gttttcttga tatttggaat tctggctac ttcactatta ataacagtag
151 aagcagtagg agatactggg ttgggaattt gaagttggct tgagtttgag
201 tctt

ugs054.seq Length: 212 July 9, 1997 19:17 Type: N Check: 3315 ..

1 cttagaactca gtcttgggtt tgaactaact gggttgagtt aactttgctg
51 ttaacaaaaca ggagtctata ctttgaggaa tatcaaagct ataaaacttca
101 gaccatttcc tttaattcac aggcatccaa acaggatggc cttcaacatc
151 atggttcaga ggtctactcc aagtatctag gtctttgtaa ccagtctagt
201 gaacaatatt tc

ugs055.seq Length: 187 July 9, 1997 19:17 Type: N Check: 4750 ..

1 gcggccnntt tttttttttt ccctttgtt tgttttaaag ggcataagat
51 gcgattgaac tttgagggc cttctgctta ttagataagc atggtctctg
101 tcctaaaaaa cagcatctac tgtgtactga cattttagtt tctgtggacg
151 aagtaaatgc agcatttggt ttggggaga acatttt

ugs059.seq Length: 232 July 9, 1997 19:17 Type: N Check: 6087 ..

1 tctccttccc cgccaccgnt gtcagaagct catcgaggtg gatgacgagc
51 tcannncgac cttctatgag aagcgcatgg ccacggaagt agccgctgat
101 gctcttggtg aagagtggaa gggttatgtg gtccggatca gcggtggaa
151 tgacaagcaa gtttttccc atgaagcaag gtgttctgac ccatggcaga
201 gtgcgcctct gttgagtaag ggcattctgt ta

ugs060.seq Length: 178 July 9, 1997 19:17 Type: N Check: 2645 ..

1 aagagtttga gacagcggag actctgctga actcggaaat ccacatgctt
51 ctggaggatc gaaagcagca gaacgagagc gcggaggacg agcaggagct
101 gtcggaggtc ttcatgaaaa ccctcaacta cacggcnccgc ttcagccggt
151 tcaaaaaaca gagagaccat tgccagtg

ugs063.seq Length: 200 July 9, 1997 19:17 Type: N Check: 32 ..

1 taaaatttcaa aaaaagaaaa aggtagaat tgaattagca agagcttaag
51 ttttctttaa acatgctggc cagggcngca gtggtggtgc atgcctttaa
101 tcccaacact tgggaghcca gaggaggcag atttctgagt ttgaggccag
151 cctacagagt gagttcagg acaacctggg ctatataaag aaaccctgtt

ugs064.seq Length: 173 July 9, 1997 19:17 Type: N Check: 3416 ..

1 ggcttactag gagggtgaat acgtaggctt gaattaatgc tactgcaaat
51 tctagaattg tgagttagaaataaaataata aatgtaatgg tagctgttgg
101 tgggctaata tttattaata ctagagtagc tcctccgatt aggtgtatta
151 ataagtgtct gcagtaatgt tag

ugs065.seq Length: 206 July 9, 1997 19:17 Type: N Check: 6362 ..

1 taggcccttt cctttctttt actcccttagc catagggtga gtctcctgca
51 ggttgattcc tgcaagggttgt tctctcaactc ctgcagtgtg catgtcctgg
101 tgtgtttata cacacataca tacatcatgc accatacata tacatacaca
151 catacataca tatatgcaca cacatacatg tgatgcatac aaaattttct
201 ttaatt

ugs066.seq Length: 257 July 9, 1997 19:17 Type: N Check: 9579 ..

1 ctttactact gagtcaaact tccagcctct agtcttaata taaagaacat
51 tgtttcttgc tttaacacag aatattgata gttctaagtc agatttatca
101 tgttcaaatt ttatatttag ttaattatgg aaaaagaatg ggaaggcgtg
151 taagaaacac taaatccaca gacaccctaa aatactatga tagtaatttc
201 atcaaatggc cagtgtggcc atattagaga aaagcagtaa attggagagt
251 acaagag

ugs067.seq Length: 246 July 9, 1997 19:17 Type: N Check: 4203 ..

1 atgggcacta cttgagggttg tatataaaca aaaaatgacac gagaaactc
51 ttgatttcag tttcaaaggg gagaactaca tgtactacag acaaggacga
101 gagggtaaa gacgacatct ttagcatcaa ggactgaatg gcactggcgc
151 tgccaaacata tggaaagtgtg gatagctgaa cagaagttag cagctgccga
201 gccagatgca aatgatgttg ttcttccaga gtgcaaggat gagtcg

ugs160.seq Length: 216 July 9, 1997 19:17 Type: N Check: 4635 ..

1 cttggtttgc aggtcagatt tacactggtc aagttcggtc ttactatcca
51 taaataactc tgtagcccta ctgagctcct cctcaagaac agcgattttt
101 tcaaccaact caacaatttg ttcctcctga acagttacct ttccattcat
151 ggctctaaaaa ctttcttcag agatgtacac tcattttctc acgagctgct
201 gcttgatctg cttcaa

ugs161.seq Length: 214 July 9, 1997 19:17 Type: N Check: 3433 ..

1 cactgagtga ggacggaaga tcacccatct ccatccgaca gctggcctat
51 gtttctggtc tgtcccttcgg tatcatcagt ggtgtttct ctgttatcaa
101 tattttggct gatgcacttg gccagggtgt gtttggatc catggagact
151 caccctatta cttcctgact tcagccttc tgacacagca gccattatcc
201 tgctccacac cttt

ugs163.seq Length: 243 July 9, 1997 19:17 Type: N Check: 1823 ..

1 ctagattgtt cgctccaagt ctttattttta ataaggaatg acttttagact
51 cgctttgtt aattcggtag gaagtctaaa tcttaactgat gaattttttta
101 ggcacagggaa tcaagcccat aatttgagaa acactggctt ttttatttaac
151 taccttcctc catttaaaaa taagtatgga gttttctgc ctcccctctaa
201 aaatactact tatttaaata attaaggaag agagaatgct taa

ugs164.seq Length: 228 July 9, 1997 19:17 Type: N Check: 1121 ..

1 ccaaggactt gggttcaaat ccctgaacca gctgtgtctt gaacaatgac
51 tctttagga agacaatcta tttattttata ttttgtacag tgctcagtgt
101 gtttcttcat ttaaaaagagt caaggactgg agatgtggct cagcaattaa
151 gagcttgtta tgctcgcaag gaatggagtt aaatttccag cacccacatc
201 acaggctcac aactacttgt aacatcag

ugs165.seq Length: 213 July 9, 1997 19:17 Type: N Check: 158 ..

1 tgtgtatgca cacacatgca tgtgtgttgg aagtgtgtgt gcgcaggat
51 gagtgtgtgt atgtgcacac atgcacatgtgt cgattgggtgt atgtgtgtgt
101 atgcaagtat gcgtgtgtgc atgtgcacac atgcacatgtgt gtgtgtgtac
151 gtgtacataat gcacctgtgc acgggggggg gggcagggc tatgaaagtc
201 agaggataac ttt

ugs167.seq Length: 178 July 9, 1997 19:17 Type: N Check: 8114 ..

1 cactgacctg gacacttggg cttctgcgtg tgggtggaga ccagaaccgt
51 cgtcgcgttt cggggccaca gcctgttgct ggactcctaa gactcctgcc
101 tgactgctga gcgactggtc ctcagcgatc cggcatgatg aagttcacgt
151 ggtggccggcg gcgattgctg ctgctggg

ugs168.seq Length: 200 July 9, 1997 19:17 Type: N Check: 372 ..

1 gggaaactgta tgcaaaaacgg ttctgatttc cagggacaga cccagcagcg
51 ctgacaaaagc ctttcaccgt tccccacaggc agaggggagt ttaccatgag
101 gtcggaatgt cagccttact gactctcaca ctcattgtgc taccagctga
151 ctcccagcca gtgacaccat ctttcatgat tagcgcacct agcctggcag

ugs172.seq Length: 177 July 9, 1997 19:17 Type: N Check: 7973 ..

1 ctctgtctct gcctgtctgt cccagtcctct ctttccttcc ctcttcgng
51 cctggcggttt cccgtcgccc atgttagctgg aaaaagagtc tagcccgctc
101 ttccccctcgc ctgtgcccgc tcttacccgaa cacccaaacc gactgcctgt
151 cccggactgt caagctccgg actgagt

ugs173.seq Length: 227 July 9, 1997 19:17 Type: N Check: 1925 ..

1 gggcgcatct ctttatctgg ccagatgtat ttgatgatta taatggcggt
51 gacgtaccag gtgcccacga cgctcaggaa gcagaaaatgg ctctccggtt
101 gcctttgatec agagtctctg tctggcccag gctgggttgg gttgggacct
151 ccgaacctgg catatttctg gaagccaatc tccttggggg atggacaggg
201 ggcaggatga agaggaaggc gtaagac

ugs174.seq Length: 189 July 9, 1997 19:17 Type: N Check: 6400 ..

1 ataagtgcga gctgagtctt ctttcactg atgtggacat tcagttctcc
51 ttttctgaaa acttagttct tccagaagtg attttacttc cctaattgtga
101 ctgcacttca cagcaacttc cgtctcccc agtgtcaggg cttcctggag
151 gtcagcttt gcctggcga ggatctgtct ggagtagag

ugs175.seq Length: 184 July 9, 1997 19:17 Type: N Check: 1077 ..

1 ctgccaacca aagcagctta ccaagaagca ggtcacctgt taaggggaat
51 ggagtaccca agcacttcac ttccctaaaa ctgagtgtgg gccagtcgt
101 aaatggagtg agagagtaca ggagaggggg gcctgaacct tagttcctg
151 tgtaactgag aaccctgctc tgttagagccc ataa

ugs177.seq Length: 143 July 9, 1997 19:17 Type: N Check: 7169 ..

1 atggcagcga cgtgagcagc gttgtggaag acaaaaagaac gacagtgagt
51 tgatgacttt cctttacatc gaaatgcctg tgaaggagat tcagaattac
101 tgagccatct tctcgataaa gactttagtc aaccaactag atg

ugs178.seq Length: 239 July 9, 1997 19:17 Type: N Check: 834 ..

1 agtttcataa agggtatagt aatgttcttt tataagaaaa tgttagccat
51 ttcttccat ttcattggct acaccttgac ctaacgtttt tatgtttgat
101 tcttttgctt actttaatac cttttaggg ttttgctgaa gatggcggt
151 tataggctga attagcaaga gatggtgagg tagacgcggg gtttatcgat
201 tatagaacag gctcctctag atgaaatata agtaccgcc

ugs179.seq Length: 148 July 9, 1997 19:17 Type: N Check: 1771 ..

1 ctcgacggcc gctatTTTT tatagcatgg ttttagtgtc catttggtat
51 cagtgaatgg atattgcata actaacaat attctttcta tgtcaagata
101 tttcattgat ttcttggttt gttgcaaacc atttcattct taacattt

ugs180.seq Length: 217 July 9, 1997 19:17 Type: N Check: 8525 ..

1 tgtgaacatt ccatgtcgtc atgaaccacg cccttccccg tcacccaaag
51 gtctcaatgg catacacaccc tccttcctcc attcttgttag ctccccctcc
101 tttcacaatg ggcaccgttt ttccagcgtg aattctatat ggcccaattg
151 aatgtccatt taagttacta tgggtttcac ttggtatgtc ttcagatcta
201 tttctacttc ataggat

ugs181.seq Length: 199 July 9, 1997 19:17 Type: N Check: 6668 ..

1 gcaaaaagat ctactgatta ctttgttagta ttcacacacaca aaaataaaata
51 tttacacaaa ttcaaacatc caggagtcct actgagcagg tggggaaactg
101 ggcacatgtt tggccagctg tggggaggcc tgggcactgg agtttgtct
151 gatatgaaggg gctcaggtgt cctggccagt cagaggcctg gtgagcggg

ugs182.seq Length: 182 July 9, 1997 19:17 Type: N Check: 4865 ..

1 gtatggaggt gatgaatatg tattatctt actcagtagg cttttctag
51 ggggcataaa ctttgttcca cagatagctt tgtatggtaa aagttttgc
101 acttatcaga ttgttggtg ttgggattca aaccaaggctt tggttgtata
151 cttcaatcgc ctttcttatt tatttgagcc tt

ugs183.seq Length: 209 July 9, 1997 19:17 Type: N Check: 6534 ..

1 catcctagaa tctaaacgga aacatccatc ccaacaacag ctttataaaag
51 ccagactcaa gctttggat gctgggctga ggtaaagacc gtagccccaa
101 tactcagctt gttgggtaca ctgatgtgct gttgagaaag ttacctecta
151 ctgtggagaa tacaaaactc cgatggaggg cccttaggaa gtgtagtgtg
201 tatgaatgg

ugs184.seq Length: 170 July 9, 1997 19:17 Type: N Check: 2130 ..

1 ggagatacta gatgtaagca aaacagtttt ttgaggtttt tctttctct
51 tttccattt tgtaaaatt aatactatcc ttgaaaacta ggctatttca
101 catggtaaag caagaggta caaaacacag gcaggcaggc aggccacttg
151 gtatgtatct ttaccccttt

ugs186.seq Length: 167 July 9, 1997 19:17 Type: N Check: 1907 ..

1 attcttaaa agattattct gctcgaaag tttaaaaagt gttgaaaaat
51 attctataca tcttgctctt agaacgtctc cactttgaca gatcaggtga
101 ccctccacat catcctctat actcctggat cttttcttc ggtggcttt
151 ctggaacggc aagaggg

ugs187.seq Length: 268 July 9, 1997 19:17 Type: N Check: 5845 ..

1 ctttaaaagc cagaactcac atttgggtct ttgggacaaa gtcaaaacaa
51 gagaaacgag acacacatga acagttccctt catttcttag tagctgttt
101 tcagtaagcc agcagtttc tagaaatgac tgaaaaatgtt acccttcccc
151 tacttgaggc atttgcata tataaacaaa cattttgtt gttgttgtt
201 ctattccaaac agacaggtac tactatcaac tgcatctgtg gatagaggca
251 aaggatgagt caacatct

ugs188.seq Length: 231 July 9, 1997 19:17 Type: N Check: 532 ..

1 ccgcgcgtctg tgccgcgcgc atgtctctag tgatccctga gaagttccag
51 cacattttgc gagtactcaa caccaacatc gatgggcggc ggaaaatagc
101 cttcgccatc actgccatta agggcgtggg gcccggatat gctcatgtgg
151 tgttgaggaa agcagacatc gacccacca agagggctgg agaactacgg
201 aggacgaggt ggacagtgtat caccatcatg c

ugs190.seq Length: 230 July 9, 1997 19:17 Type: N Check: 4639 ..

1 gtcgtcctga ccacaaaagct acatgaaggc ttcacaaaact ggccaagccc
51 tgtgtcttgg aactggaact cgaaggacgt nnggccccac cgtgatttgg
101 tcggtgagtt gggaggcagct gtgcgaagag gaacatacgc tacgcctcta
151 ccactcgctc ttggaaatcct tccatccact ctacctactt gataagaaaa
201 tggctcaaa cttagatttga gggcaaaaca

ugs191.seq Length: 203 July 9, 1997 19:17 Type: N Check: 1256 ..

1 cgtgaagcta ggaagagtgg gtctaaagcca gagaactttt ctttgatttag
51 tgtgtcacct cacccgagtg ggagcctgag cagcagtggc gacgggtgtgt
101 ccacagcagt gaaaacggng gagcaggcta gcaaggcctt accacccct
151 gctgcgcggc cccggatcc gcttacagtg cctttctga agaaggcagc
201 agt

ugs192.seq Length: 250 July 9, 1997 19:17 Type: N Check: 8595 ..

1 gcactacaag gtgacattcc cagaatgtgt taggtggatg acaatcgaaat
51 ttgaccctca gtgtggtaact gcacagtcag aagacgtcat ccgtttgctt
101 attcctgtca gaaccattca gaactctgga tatggagcaa aactgacatc
151 tgttcatgaa aaccttaatt catgggtaga attaaagaaa tattcaggat
201 cctcttggat ggcctactat ggtagtgc tgccaggaat gagccttct

ugs193.seq Length: 220 July 9, 1997 19:17 Type: N Check: 6444 ..

1 aattactact ttaaatgggt gaatcatgtg gcatacaagg tatgtgccaa
51 tacagttgct tctaaaaat tacatgcata tgtatgtaca tatatacatg
101 cgtatgtatg tatgtatatg catgcattgtc attccctaag tagaaaggct
151 acttcagtaa agccagtgt a gcaaaggcaa aggacgtgt agagagatgt
201 tacacgagta ctcagacagt

ugs194.seq Length: 216 July 9, 1997 19:17 Type: N Check: 854 ..

1 gggggctaaa gtctgtctac attacagatg gggctggact gtactctggt
51 gttctgggg atgtggata gatgagaagg ggaaggcagc ttggcctgtc
101 ccacctattc aagtgcctcc ctaaagcagg atnagaaagc taggtcccta
151 gccaataagc agagccttg gctgagggag aaagttagtca cccatgagaa
201 atccaaccac aagttt

ugs195.seq Length: 264 July 9, 1997 19:17 Type: N Check: 1090 ..

1 ctccccatgca agaggtagct tgcccatgcc agtggacaag ttttccaagt
51 tattttcttc attatagatt atttctgtg tactagttga aattccaata
101 tatctttagt tattccagt agaaagagag gtgttatcag ggaggcaagc
151 agaggcgta ggcttaggat tttgttagact gatgttgct ggtagggaa
201 ggcataactg agcagatcgc ataatttctc tcgagtgtga gtcactgcac
251 attgatgata tgcc

ugs196.seq Length: 271 July 9, 1997 19:17 Type: N Check: 529 ..

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1 atctgatgcg gctgtggaag gaacagcgg a ttccggcactc agtgtaaagc  
51 cacctgatgt ctgcattcagt ctgtcaaaat ttttttcatc aggcaactct  
101 ggatttagcaa aagacagtgc aggctttag tttgaaatat ggatgcagaa  
151 gacggaagga ttgatctgat caatgagttt aaagtcacgg tgaggtgggt  
201 ctgtgtcaaa ttcatttgagt agaaggcagc cttctgacta caaacagctg  
251 tcaccctgtgc aactgactga g
```

ugs198.seq Length: 222 July 9, 1997 19:17 Type: N Check: 5514 ..

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1 ccacagttta cattaccggc cgccatctgg atacgcttag agctactgcc  
51 caggaggcac agtccctcggttgtgtgttgcgtgg tggatgttgcatttc  
101 aagccaggag agtgaagtga aaaggctgtt cgagcaagta gatcggaaac  
151 agaaaaggcg gcttagatgtt ctggtaata atgcctatgc tggcgtcagg  
201 caatcctgaa caccaccaac ag
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ugs199.seq Length: 185 July 9, 1997 19:17 Type: N Check: 141 ..

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1 gcaatagctt agattttatc aacatttagac ataatagatg gaactgtaaag  
51 acaaacacaga agcagtaaat atccaaattt tgtacttaag ctacagcatt  
101 gctatgcact tctctaactg atttataagt gttgacacag tgttaangca  
151 cacacaggag cataaaaagga agaaggcttc tcctt
```

ugs200.seq Length: 277 July 9, 1997 19:17 Type: N Check: 9885 ..

1 gtgcagctag ctctatTTTA actgaagagt gggTggcatg ggatgtaaac
51 agctgtatgc acatgactag tctacaagtt atgagtcaca atcagacgaa
101 acgtgactta gacttctcac acatcaCTGc cccagtggTG taagAGCagg
151 cacCCaaaca ctgaccgctc catTTcaggc accAGCAGTG tatCTggcac
201 aaATgataga gtgatttggc tttagtactat acttGTacca agtagctatg
251 gtaccAGTgc agtagactta gctgaca

ugs201.seq Length: 144 July 9, 1997 19:17 Type: N Check: 284 ..

1 tctttatcac tgataagttg gtggacatat tatgtttatc agtgataaaag
51 tgtcaagcat gacAAAGTTG cAGCCGAATA gcAGCTGACC CGTGCAGCC
101 ctggacctgt tgaACGAGGN nGGCGGTAGA CGAGACTGAC gaca

ugs202.seq Length: 188 July 9, 1997 19:17 Type: N Check: 6591 ..

1 aaAGCTGCCA tttcagaacg tgaAGAGGTT agAGGGAGAA gtGAactgtt
51 tcATCCtGTT AGTGTAGACT gtaAGCTAAG GCAAAAAGCA ACCACAAGAG
101 ctgacaccga tGTAAGACAAG GCCCAGAGTT CTGACCTGAT GCTTGATACT
151 tcATCATTAG ATCCTGACTG TTCCtCAATA GACATTAA

ugs203.seq Length: 174 July 9, 1997 19:17 Type: N Check: 5939 ..

1 cgCCCTCCGC ccCTGCGCCC CGCCACCCAG GCCGCCGCC CCGCCCGCG
51 CGTCGCCCC CGACGGAGGA CCATGGCGAA GGTGGAACAG GTCTGAGCCT
101 CGAGCCACAA CACGAGCTCA AGTTCCGAGG TCCTTCACTG ATGTTGTCAC
151 caccaACCTA AAGCTTGGCA ACCC

ugs204.seq Length: 182 July 9, 1997 19:17 Type: N Check: 6324 ..

1 ttgcacatctgt agatttgttt aggttgagcc tgtatTTTA ttgtggagta
51 ttatctcatg gagtgaagag tttataaata ctcactgaaa gcacacttac
101 tcccaagctt taactcctga ataaagctct ggtgaacatc tgtatacagg
151 cattagtaCT aaatgtcaga acacttctca tt

ugs205.seq Length: 165 July 9, 1997 19:17 Type: N Check: 6405 ..

1 cagaaaaaaaa atagccttcc cgTTTTGTCA gagattaccc gtccactatt
51 acccggcagc agtctagaga ggatggagtG tatcatgagc agtacagaat
101 cttaatgcaa ttcatgagga ccccttagtc cttccatgaa tctggctgct
151 aacattgcta ttttt

ugs206.seq Length: 170 July 9, 1997 19:17 Type: N Check: 1612 ..

1 acatggtgct gaggagagga gccaccatca ccaccaccat gaggctccag
51 actcttccca tggaaaaaag actagagaga gtgaacgcaa tcATCGGACC
101 actgaggcag agccaagact cttGAAGAGC caaaACACGA gaccaaaaaag
151 ctaaagactc tgTCAGAATA

ugs208.seq Length: 162 July 9, 1997 19:17 Type: N Check: 3838 ..

1 aatttaaaaa tcttttataa ggacagtGac tgTTTTTacc aaaaaaaagga
51 aaggagccaa agggcatcca acagatagtG agggagaagg gggccaggaa
101 tccattcagg aaagtggta actgctGCCA CGGAACTGCA gggggggaggt
151 ggaaggggaaa gg

ugs210.seq Length: 189 July 9, 1997 19:17 Type: N Check: 6319 ..

1 gaccttgggg cctggatggg gtgggcaagg tagtgaaggt tactagagaa
51 aggttagggtg aagaaagaag ggtctgagtc tgggttggag gggagtgagg
101 acttgggtt cagaggaacc tcaggagtgg ctagaacaca gctctaccct
151 gggctatgct gtaacagaaa ctgtctattt cagccacct

ugs211.seq Length: 209 July 9, 1997 19:17 Type: N Check: 2740 ..

1 cctgcagagg tttgccggca gaagcagttt tgtacaggaa gccgctgtgg
51 ctcacagttt gcagggttaac ggagtagtgc ttttccaagg gcttcactga
101 gtccaaccga gggacctctg tactctgatt cttctgcttt ttccctcccc
151 tgtccccc aa gtgtttagct tatggccaa gtttatgaaa tgctggaaat
201 tcactcttt

ugs212.seq Length: 188 July 9, 1997 19:17 Type: N Check: 7977 ..

1 tagggggAAC gtagttattc agtggtatct tacatatggc ctagactatg
51 cttaggctca aaattgctta atcttaggcc cagggctagg gcggacgtaa
101 tgaggagggt ggcaaggcag caataaggTT cctgcctct tctccctaga
151 gagcactttc atggcccaact gactactcca tatgctgg

ugs213.seq Length: 113 July 9, 1997 19:17 Type: N Check: 6486 ..

1 gcgggtggcgG gcggcgctgg gacccgggag cggccggaga acaagggagc
51 tggcgccccG gengcggctg agtggggctg agcagcgggc cncccgagcc
101 gagctctccG aga

ugs214.seq Length: 182 July 9, 1997 19:17 Type: N Check: 5208 ..

1 ctggtctaca gagtgagttc taggacagcg aggactatAG agagagactc
51 tgtctcaaAC aaacaacaAG caaaatATTG acttgttACT gaattggAA
101 gataagttcg ttagttcatt agactttTA agatttATTT tacttatgtg
151 tacgaatgtc tttgtacata agtgcagtgc ct

ugs216.seq Length: 193 July 9, 1997 19:17 Type: N Check: 4427 ..

1 ccgagggttca cagttaggtt agtgtccagg agaaaaactgt cttcacatga
51 actggtagc aggacttagt gcatcgagga ctatggAAC ttgctcctga
101 atccagcaac tgattagagg aggggataaa aggaaagcgc ttctgactca
151 gtgtggcagc aaatgcctgg tatccatcac ccaagggtag ggg

ugs217.seq Length: 167 July 9, 1997 19:17 Type: N Check: 2449 ..

1 gcgctccgca cccagctcct cccggcccc gattccacga gccccttggc
51 tnccaatccc gggcaagcac cagcaaggca cgccggggcc gagagtccgg
101 cncccacgga gcagagccag gccggccagn cgccgggtgtg ccacgggcc
151 acgcttcttc aggggcc

ugs218.seq Length: 173 July 9, 1997 19:17 Type: N Check: 2721 ..

1 agggaaaggct gtataaatgg aaagaatatg ggacaccctt tatctatggc
51 tcatccctta ctccatatca gaaatttctg aaaggagaca agcctgagaa
101 cttaattca gtcgctgtga tccaagacag caaccagaag agtagtgagt
151 agaatgcaaa tcaaaaataga gtc

ugs219.seq Length: 211 July 9, 1997 19:17 Type: N Check: 6590 ..

1 cagacgacga cgatattcca gagatccag acctggacga ggagagacgt
51 cgcagctcg ccacctccgg ggccaagatg ggacgcccgg ctcatcagga
101 gtcgactcag gctgagaatt acttaaacag caagaattct tcactgactc
151 agactggaga ggctcccca ccgaaaccac ctcgaaggca gggaggctgg
201 gcggatgact c

ugs221.seq Length: 209 July 9, 1997 19:17 Type: N Check: 2582 ..

1 acacgggcac gagcgatgat ctgtgtcac tcgtcaatga ggtctggatg
51 cgaanccac gctgcagtga gtacctgcag cgcttcgccc ctgtgccacc
101 accaacgagc cgctgtaaag gaactcgacc agctgccga tgtctgcnag
151 gcaccactgg tggcacacga atctctgagt ggccgagcag cagtttatct
201 gaaagaagg

ugs223.seq Length: 225 July 9, 1997 19:17 Type: N Check: 1726 ..

1 tccaagnncc ctgcagttct cttcgaaaga agacgaggag tgctctgcgc
51 ctgcccgtaaag aacagccctt tttgacttaa ggtggcggtg gtactgtgac
101 acaggaagaa ctgcattgcag gctgcaggag tttcttattc tcacttcttg
151 agtagtttagt tagttctccg tggagggaga aagatttgag tcttaattgc
201 cctgttttca aggtgttctg tgtcg

ugs225.seq Length: 199 July 9, 1997 19:17 Type: N Check: 8567 ..

1 cagaatgaga cttggcttg gaactcagtg atctgcctgt ctctaactcc
51 ccagtgcgtt gattaaaggc atgccaccta gaactcacca tatacctgag
101 atgggctatt aaatgatagc ccacccacta ccacccgtt ctgtttacgt
151 cactctatcc ttcttaaatc atttctaata acaatggagg aagagaatt

ugs226.seq Length: 208 July 9, 1997 19:17 Type: N Check: 7809 ..

1 gccgttagcca tcatgaatga cacagtaacc atccggacca ggaagttcat
51 gaccaaccgt ctgcttcaga ggaaacagat ggtcattgat gtccttcatc
101 ctgggaaggc aacagtacca aagacagaaa ttggggaaaa gctggccaaa
151 atgtacaaaa ccacaccaga tgtcatctt gtatggat tcagaaccca
201 cttcggtg

ugs227.seq Length: 174 July 9, 1997 19:17 Type: N Check: 1396 ..

1 cctttccagt ttatatttaa agttttaaaa ttacaaccac agtaatttct
51 cccgggcaact agttacactt gtttaaaaag gggtggggta gggtgcgca
101 gtttctaatt ttattaaaat aagagaaaga caactgtaca gatTTTTCT
151 cccagctccc gaagtgagac taag

ugs228.seq Length: 165 July 9, 1997 19:17 Type: N Check: 4772 ..

1 cccggctcga gggccnaag acaaagttc tggtagccg tgcctggaa
51 ctgccttgt agaccaggct ggcttctatc tcataagat ccgcctgcct
101 ctgcctccct aagtgctgg attaaaggta agtgcacca ccacccagtc
151 aatttagcaa ttttt

ugs229.seq Length: 175 July 9, 1997 19:17 Type: N Check: 8960 ..

1 gtcaaataat tcagcagaat gaaatagttt catacatccc caaatttata
51 cctttaaatc cacagcttca gttcacacta aggcttatgt tagctatgg
101 ctctgcatgg taatgaggca tcagtattgg ttaacaaaaa agatgtagca
151 ctctataaaa gaatgaagg tgagg

ugs231.seq Length: 180 July 9, 1997 19:17 Type: N Check: 6633 ..

1 ctgtcttgcata actccagaga acttttatag gatTTGATTA aaggTTTAA
51 taaactgttt aatacttaaa gttagaagag gttgactgtt cacatggct
101 tgTTTGGATG tgTTGGCTCG tgcctctaat ctcaacactt tgggagggt
151 gagacagaat tgccacaagt tcaaggcaaa

ugs232.seq Length: 190 July 9, 1997 19:17 Type: N Check: 4441 ..

1 cagccagctc ccaggagccc gatgagcttg aggagctccg aggcaagaat
51 gaaaggctca ctgtgcggct gcatgagact ttgaaggcgt gtcagaacct
101 gaagaccgag aagagccaga tggatcgaaa gattagccag ctttctgagg
151 agaatgggaa ctttccctt aaggttcgag agtttgcaaa

ugs233.seq Length: 189 July 9, 1997 19:17 Type: N Check: 9458 ..

1 cccggctcga gcggccgcng cctgtttact tctttgtttt tcctaaggat
51 ggcttaaaa taccatcagt gttcctttt ggaaggagtt gcttcccggt
101 tgttatgtct gtggatatt tttatccaag aatcaaattg ttactgaatc
151 tctctgaaac tccaggcata gtagcacact ctatataa

ugs234.seq Length: 183 July 9, 1997 19:17 Type: N Check: 2826 ..

1 cagcagaatn tatgccacta tatacaaaca caggacaacc tgaagctaaa
51 tggatgccca ccgcagtatc aacaggtcca gcctcacagt gcacgcctg
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151 acaaggagca tcaagaatct gtctggttg ttt

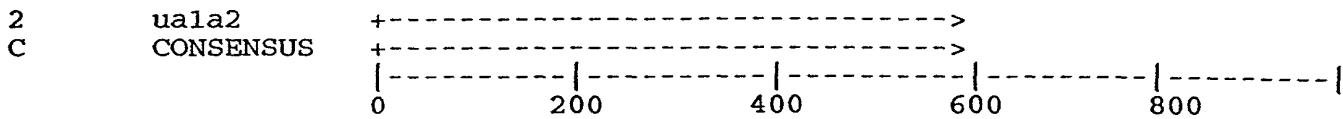
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1 gtctgtgtga ccaaggactt cctgtcactt ttcccctttt aaaattgaag
51 gagaaacagc ccagtagctc caccctttct ggcacagat ggcattccgt
101 tagttgcaa tagccacctt atggtaaag ccaacaggc atacagcttg
151 gtcccagctc gtctgcctgg acgctgag

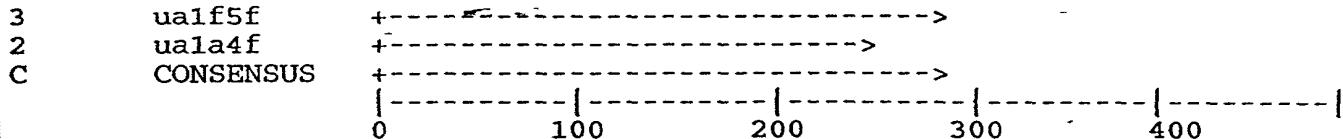
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1 cgccggccga ggagcagccc cagcaacagg cctcccgacg gcccaggca
51 tcagccgcgn cgcaanccc cgtctcctgc tcaggcaag aagagtccgc
101 gactccagtg tatagaaaaa ctaacaactg ataaagatcc caaggaagag
151 aaagaagatg attctgtctc ctcaggaaat tt

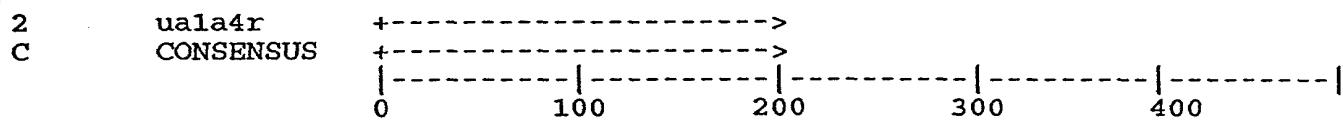
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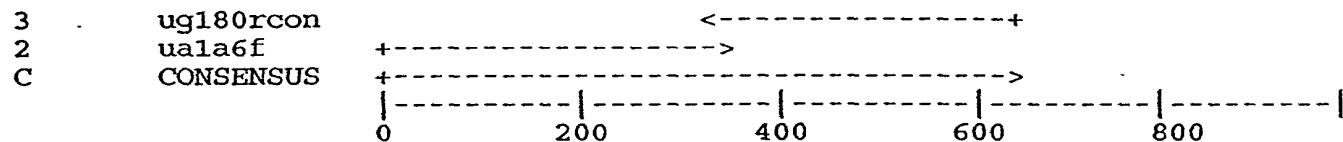
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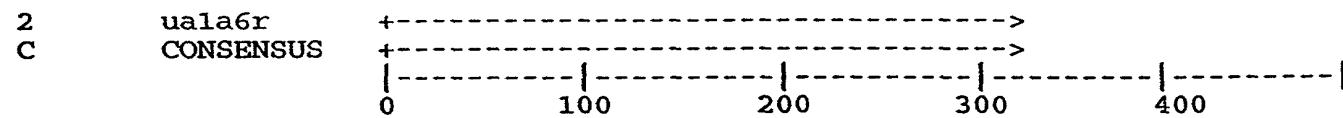
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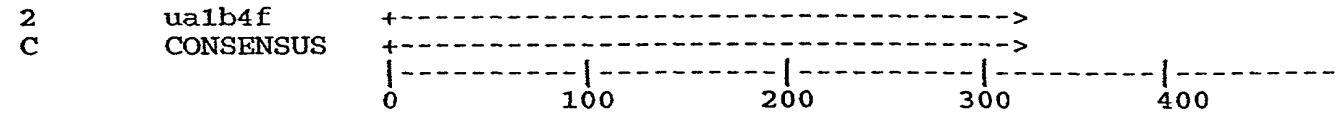
Contig: uala6f



Contig: uala6r



Contig: ua1b4f



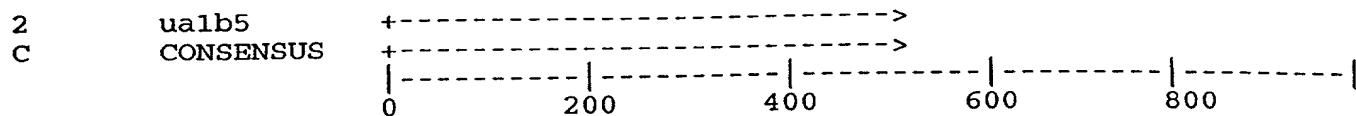
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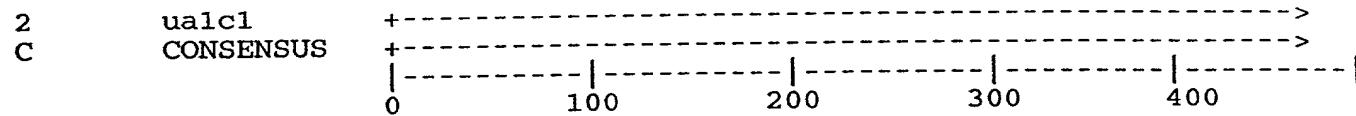
FIG. 8

0 100 200 300 400

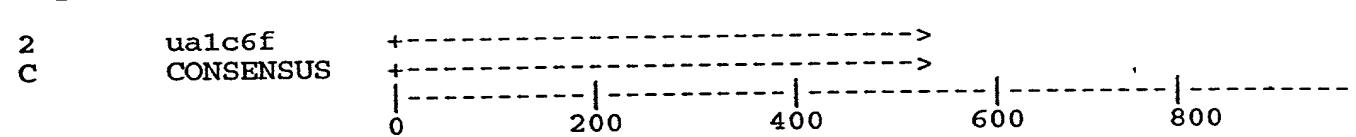
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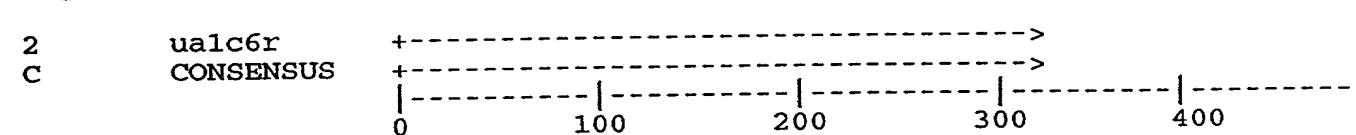
Contig: ualc1



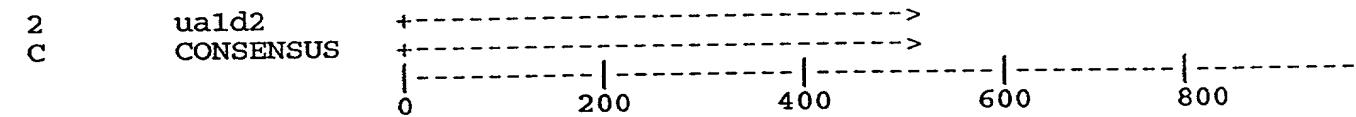
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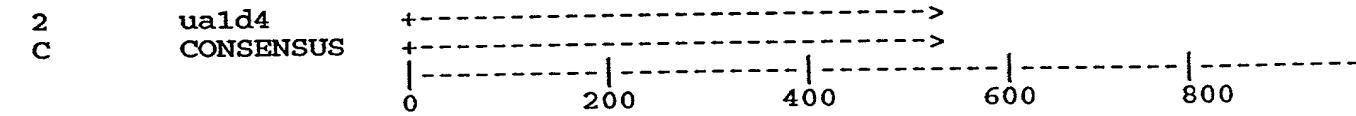
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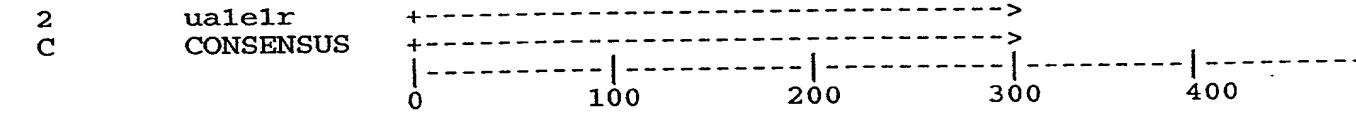
Contig: uald2



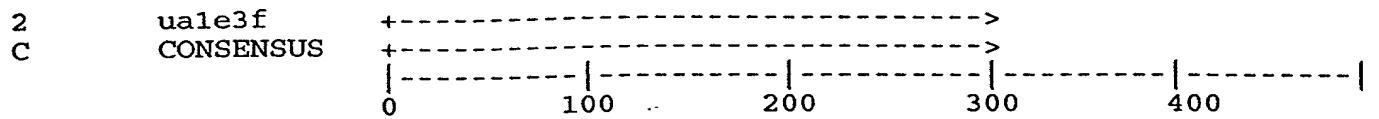
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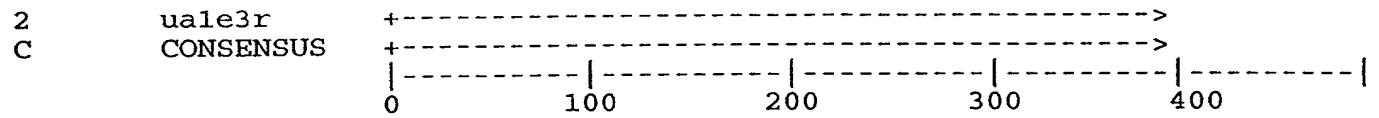
Contig: uale1r



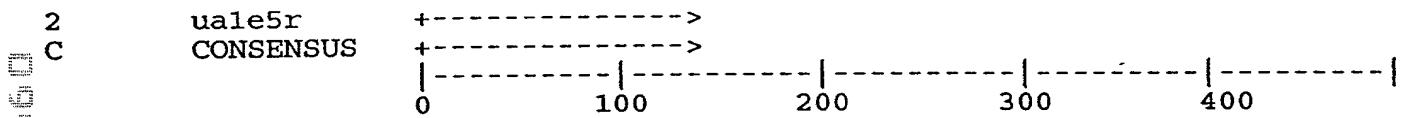
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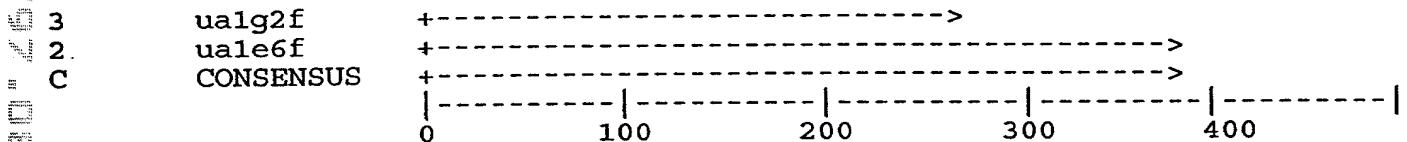
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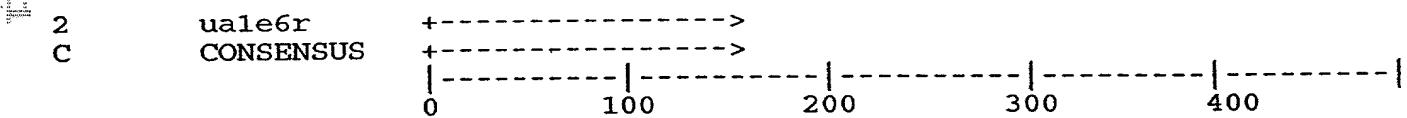
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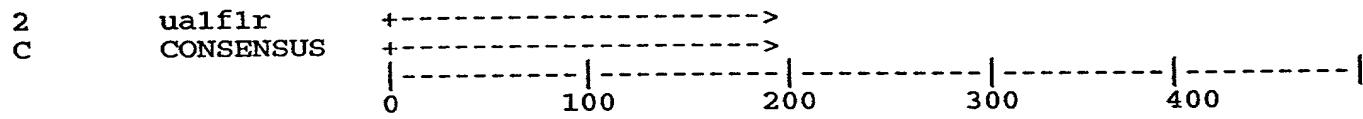
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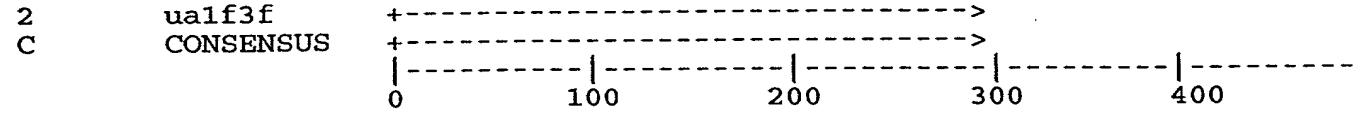
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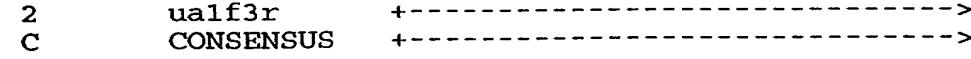
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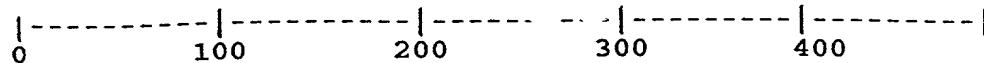


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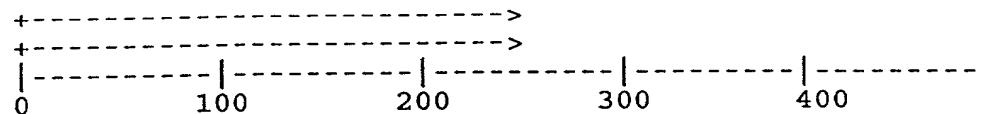
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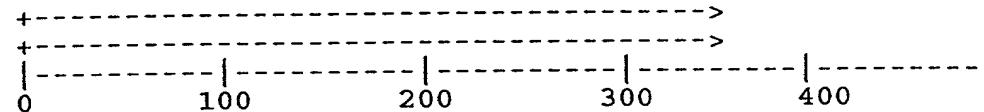
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2 ualf4f
C CONSENSUS



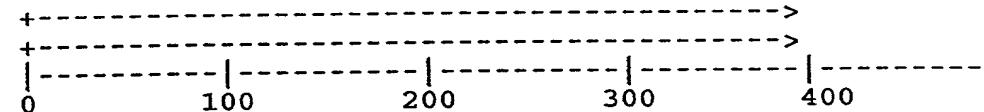
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2 ualf6f
C CONSENSUS



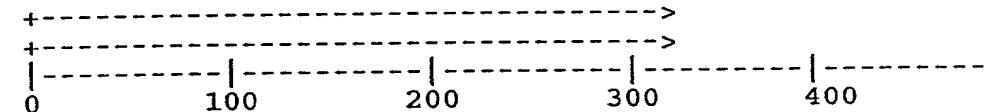
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2 ualf6r
C CONSENSUS



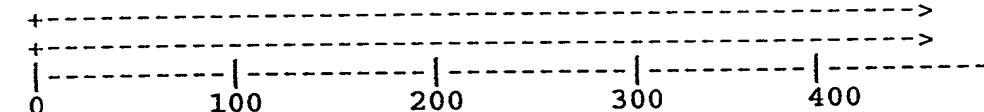
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2 ualg4r
C CONSENSUS



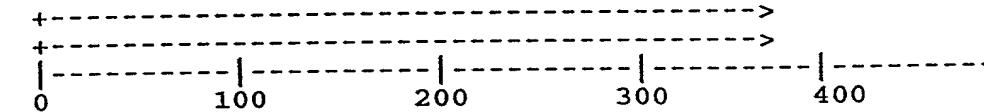
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2 ualg5f
C CONSENSUS



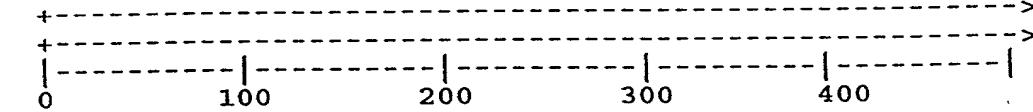
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2 ua1h3f
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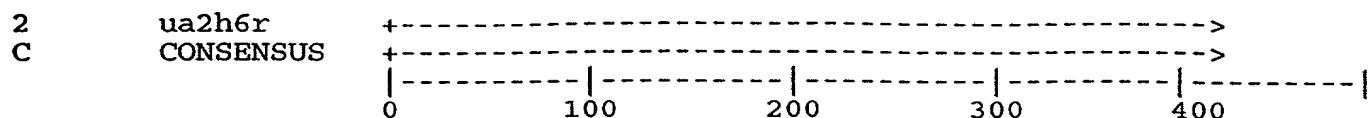


Contig: ua1h4

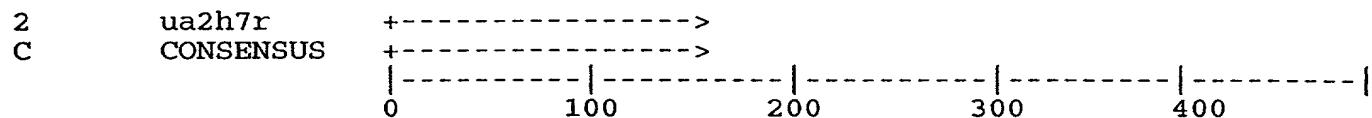
2 ua1h4
C CONSENSUS



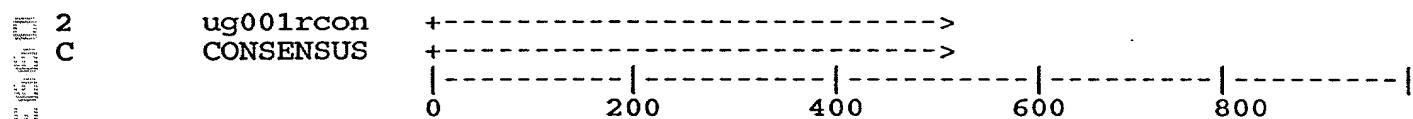
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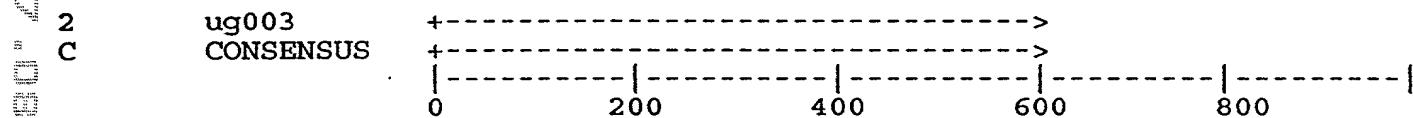
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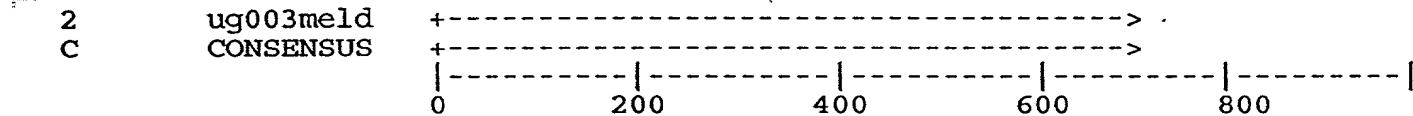
Contig: ug001rcon



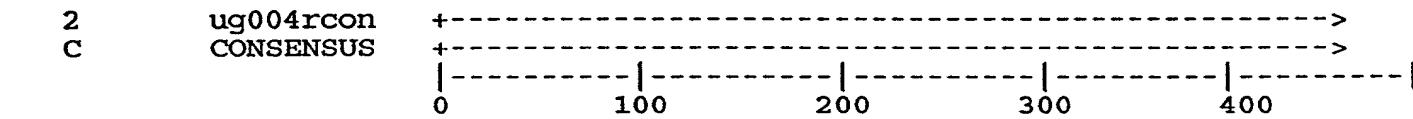
Contig: ug003



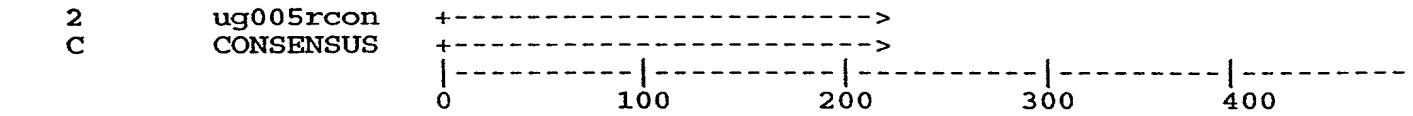
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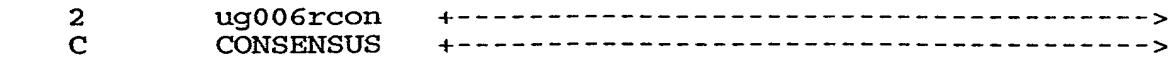
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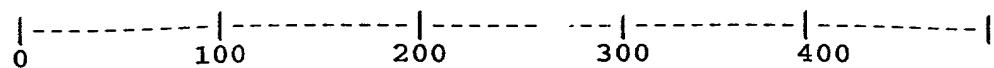


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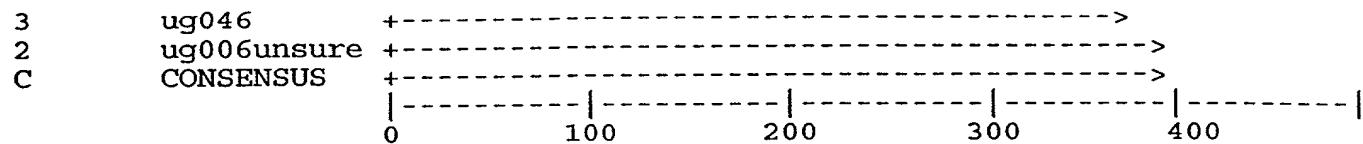


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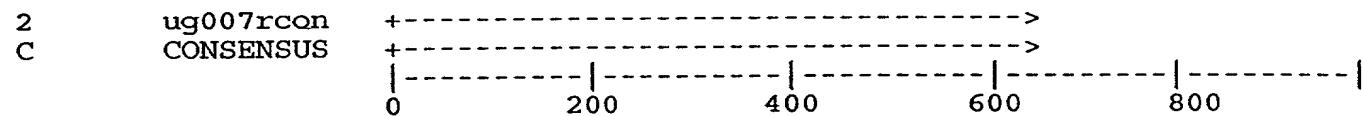




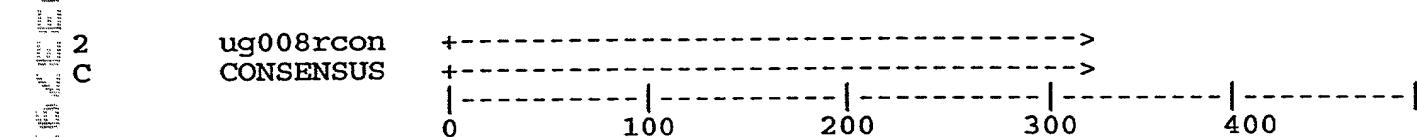
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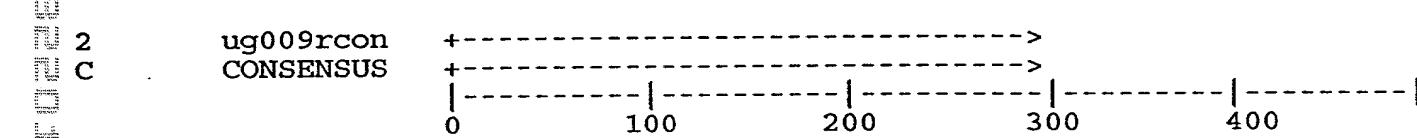
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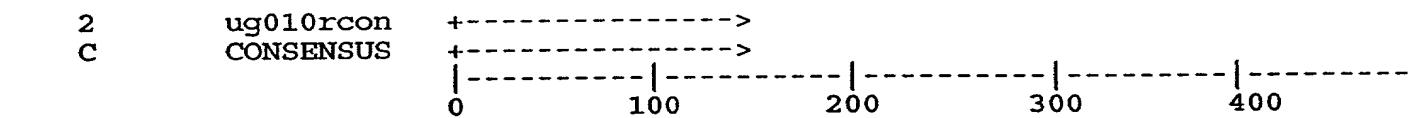
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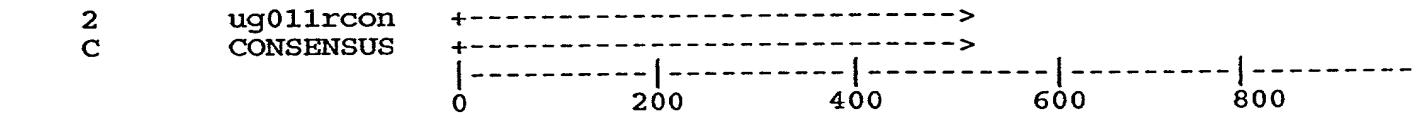
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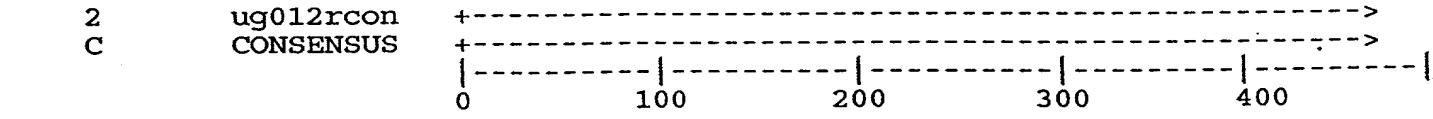
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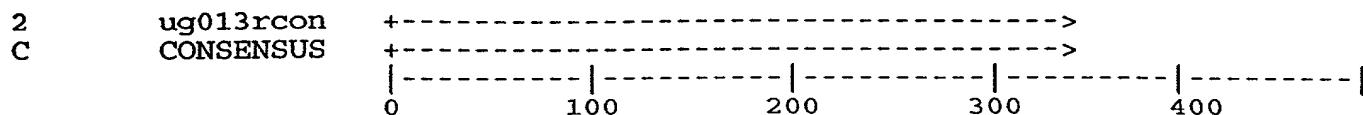
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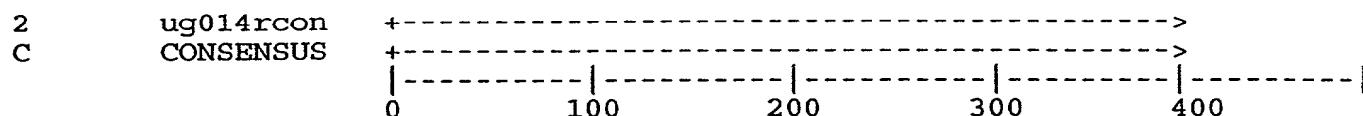
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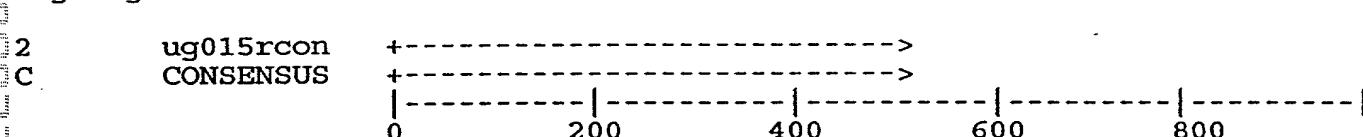
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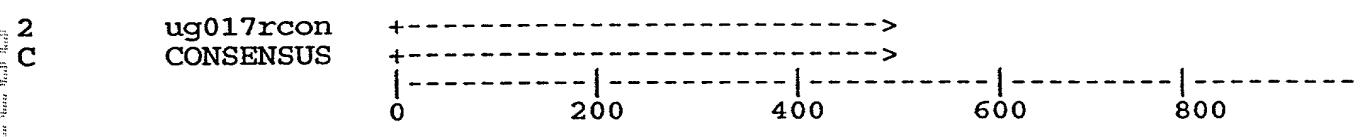
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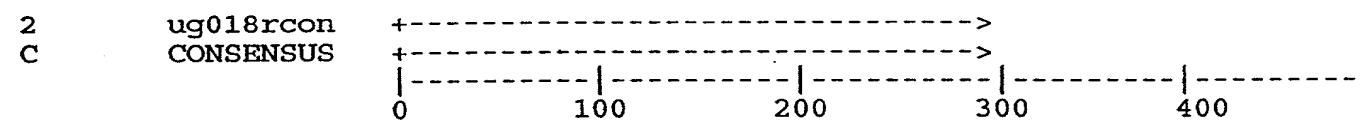
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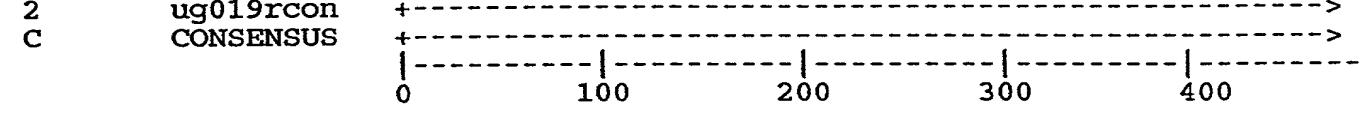
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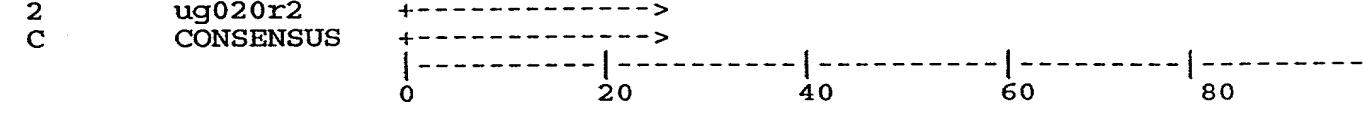
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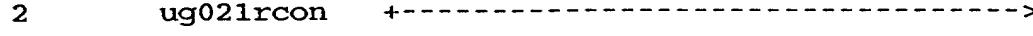
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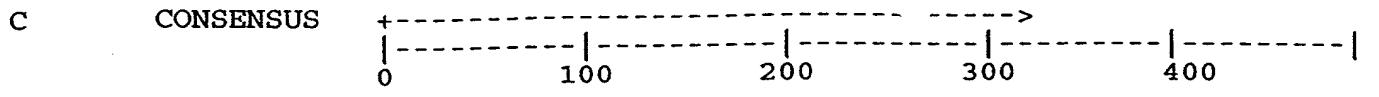


Contig: ug020r2

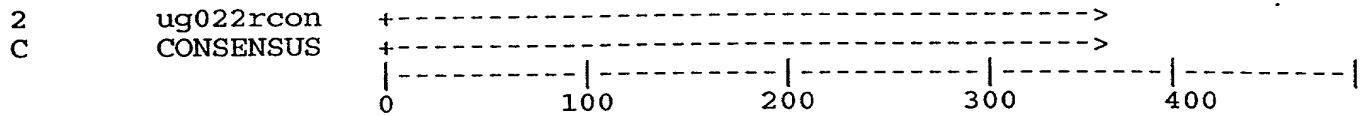


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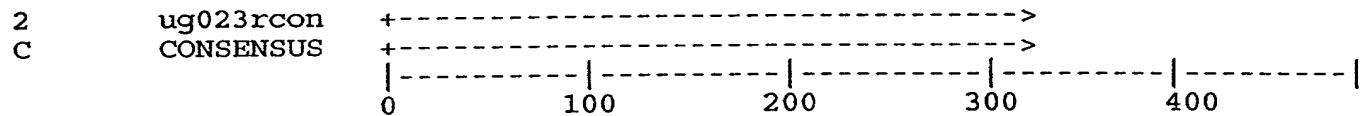




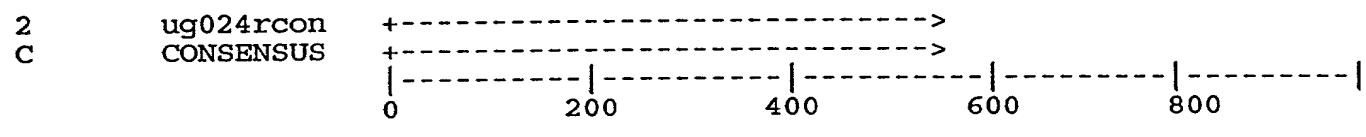
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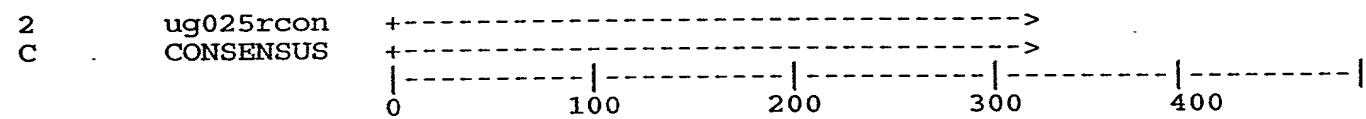
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Contig: ug024rcon



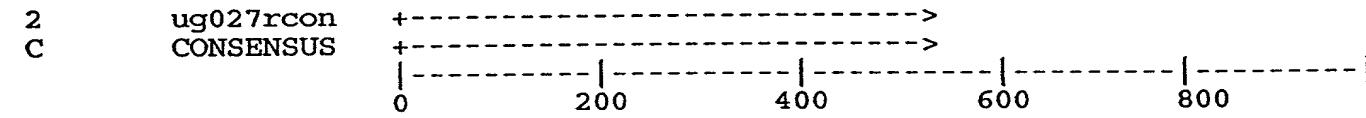
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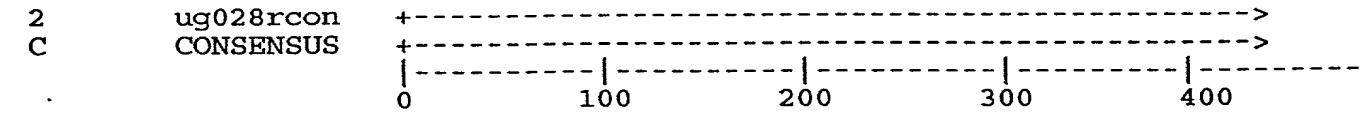
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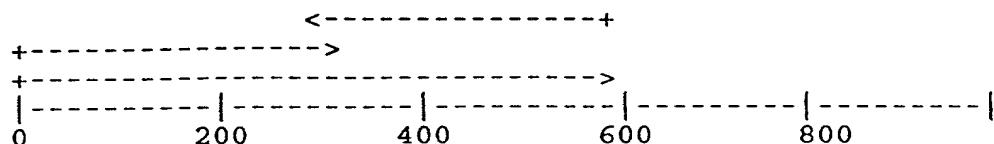


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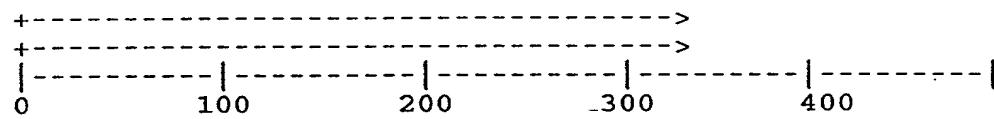
Contig: ug029rcon

7 3 ug196
2 ug029rcon
C CONSENSUS



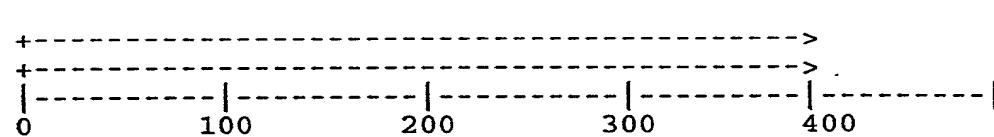
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2 ug030rcon
C CONSENSUS



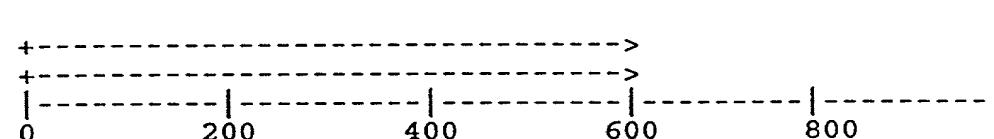
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2 ug031con
C CONSENSUS



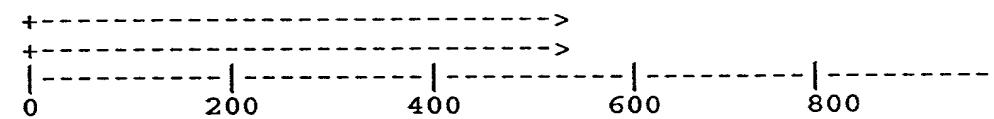
Contig: ug032rcon

2 ug032rcon
C CONSENSUS



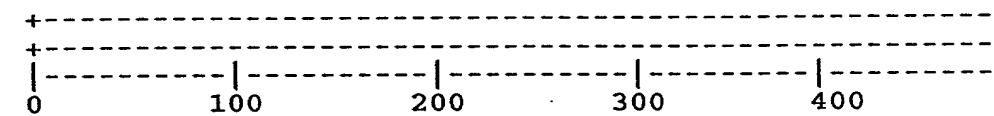
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2 ug033con
C CONSENSUS



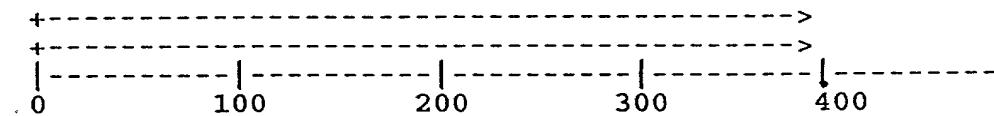
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2 ug034con
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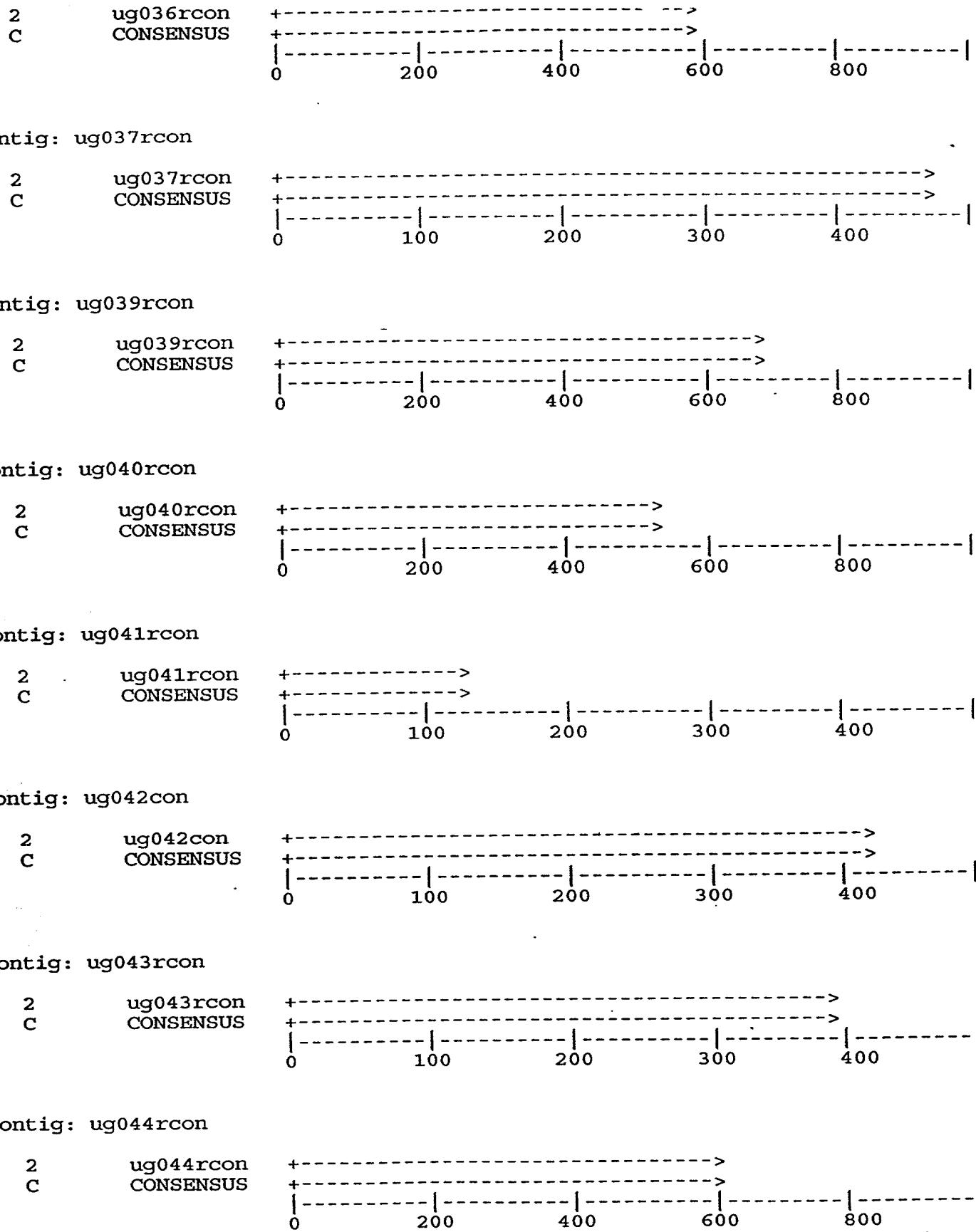


Contig: ug035con

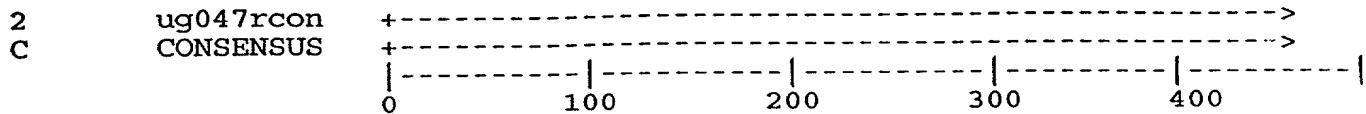
2 ug035con
C CONSENSUS



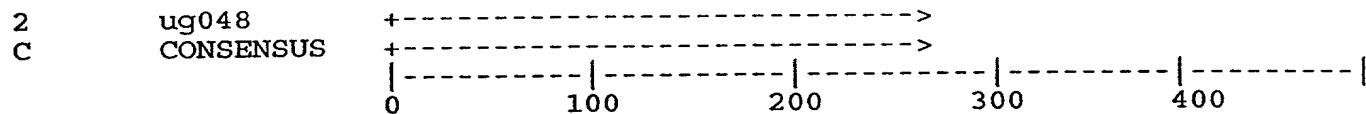
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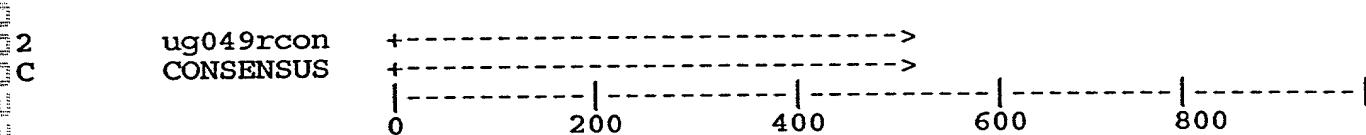
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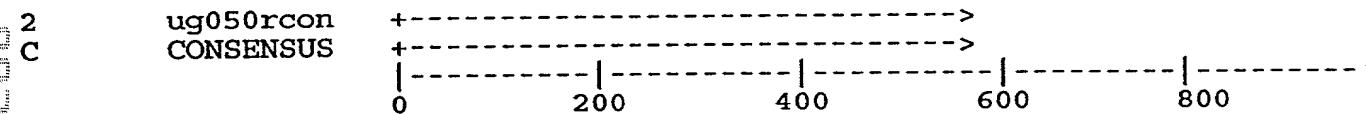
Contig: ug048



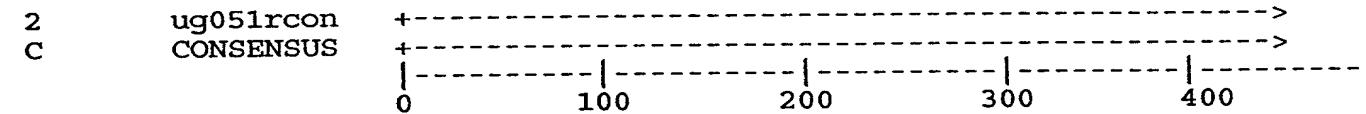
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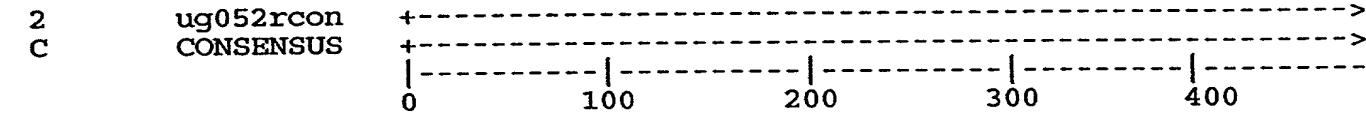
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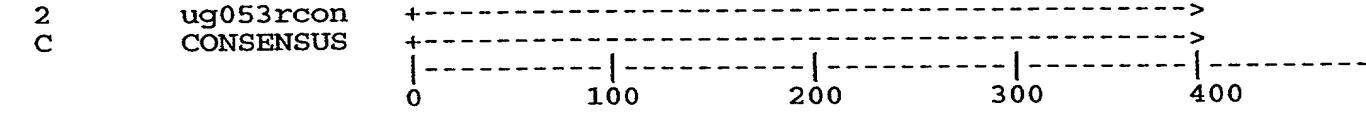
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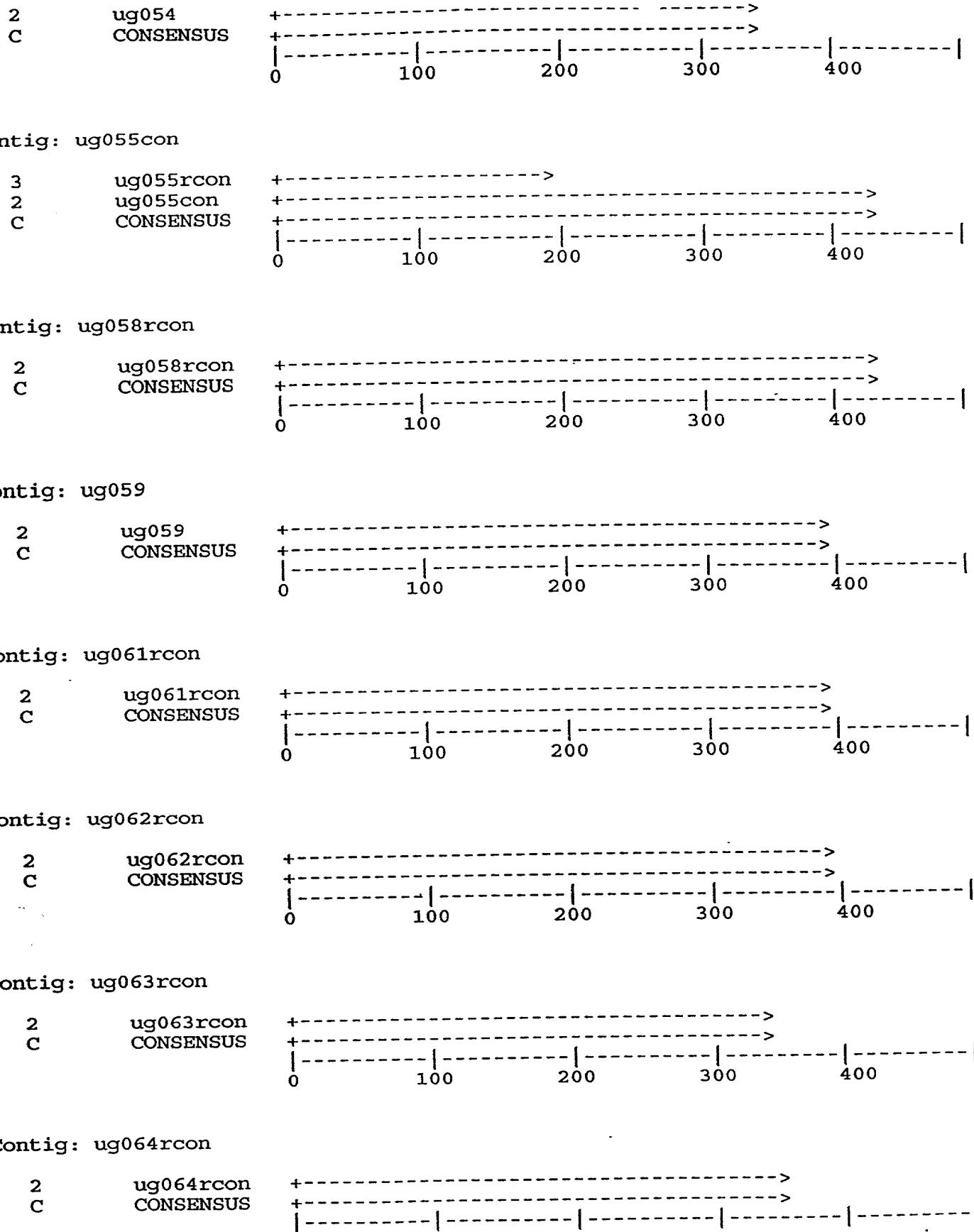
Contig: ug052rcon



Contig: ug053rcon

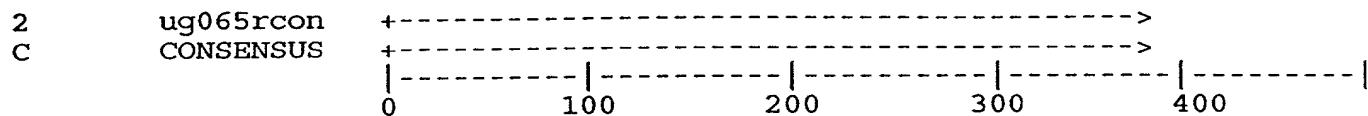


Contig: ug054

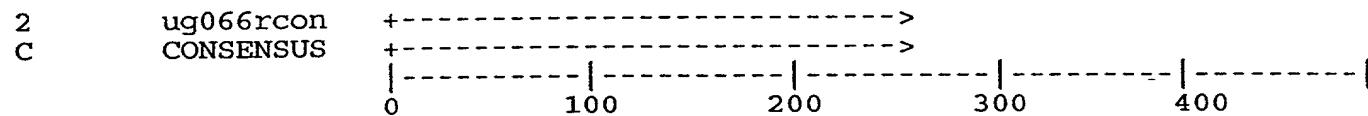


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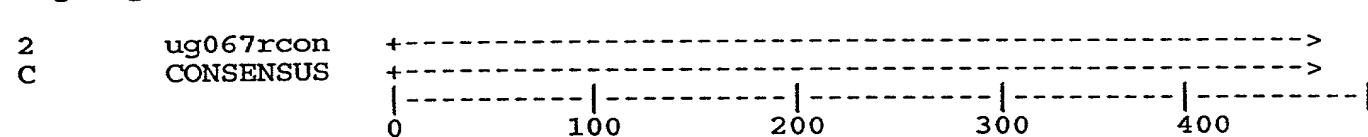
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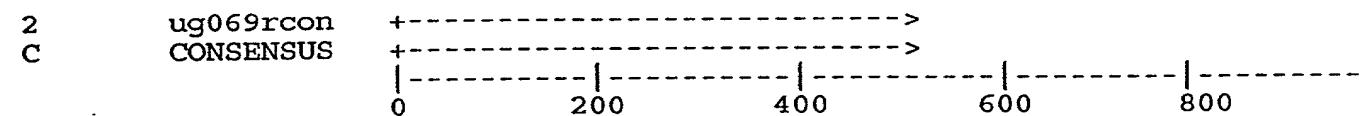
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Contig: ug067rcon



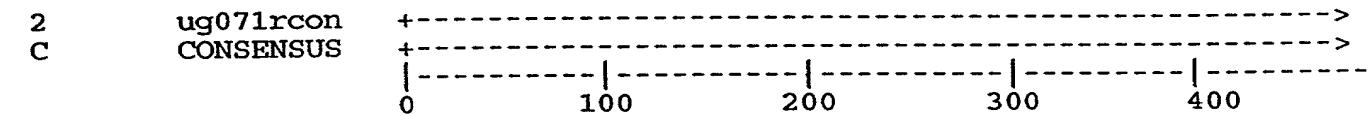
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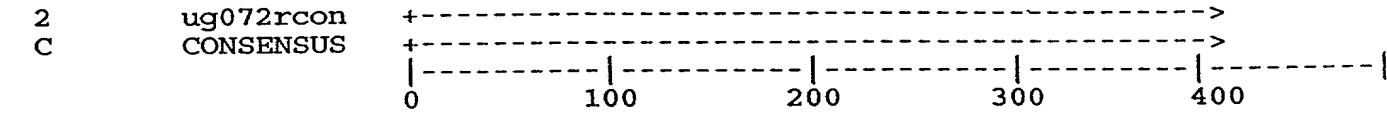
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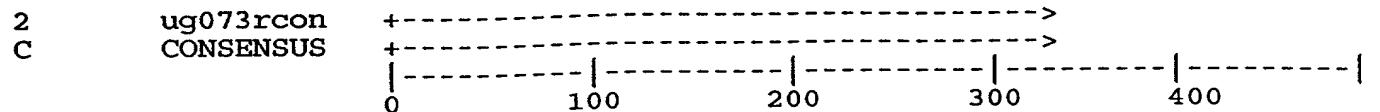
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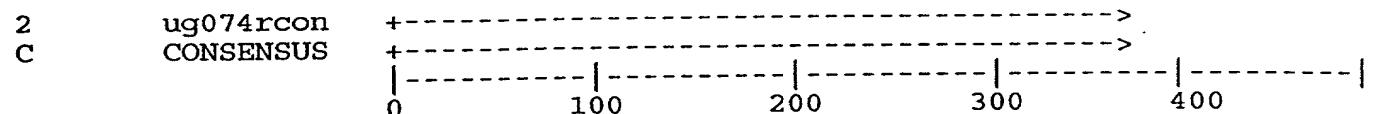
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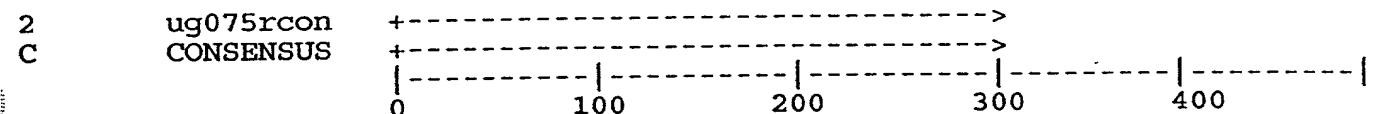
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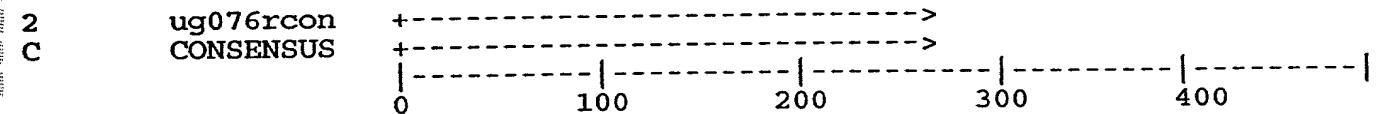
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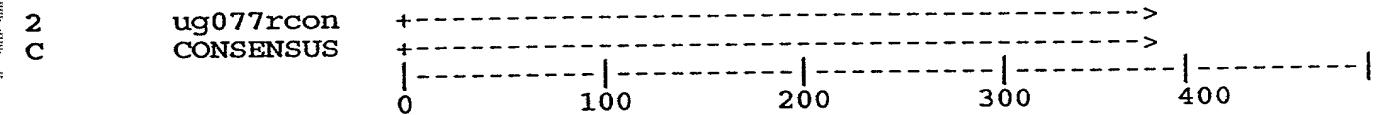
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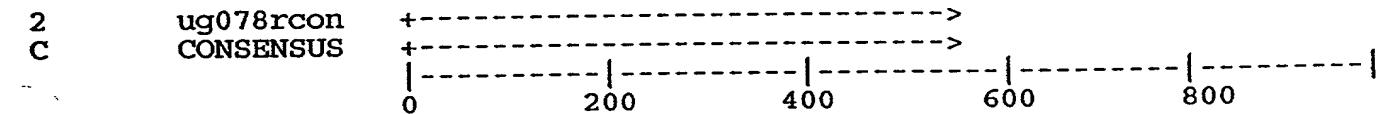
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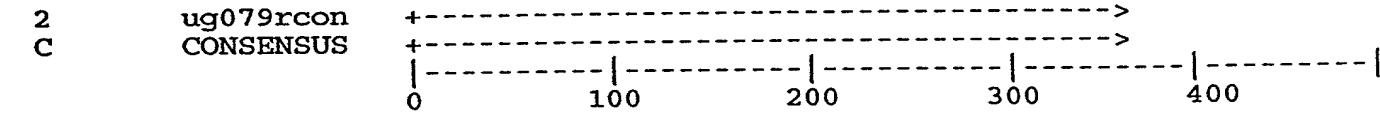
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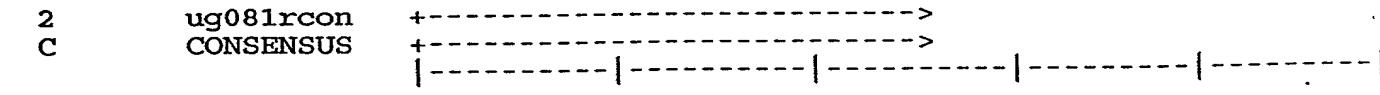
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Contig: ug079rcon



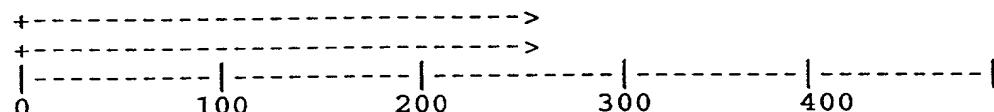
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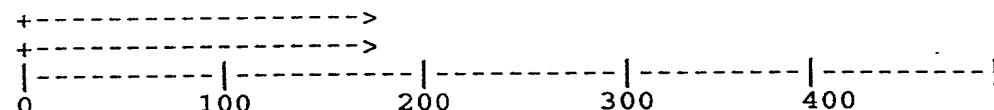
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2 ug084rcon
C CONSENSUS



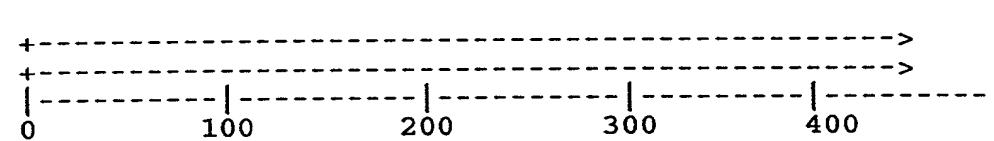
Contig: ug085rcon

2 ug085rcon
C CONSENSUS



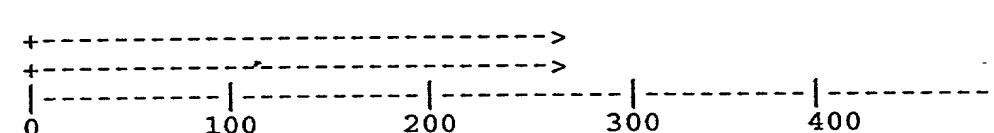
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2 ug086rcon
C CONSENSUS



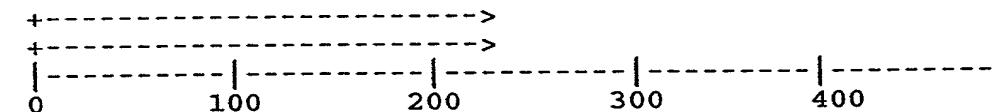
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2 ug087rcon
C CONSENSUS



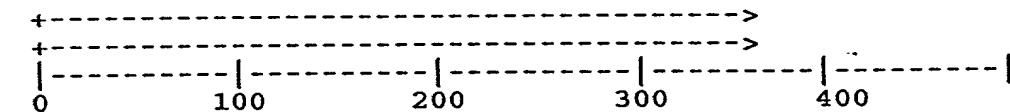
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2 ug088rcon
C CONSENSUS



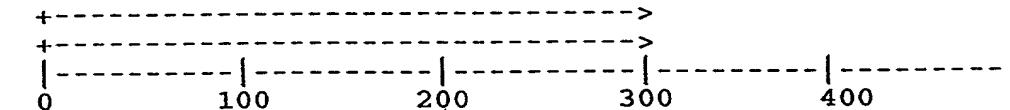
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2 ug089rcon
C CONSENSUS

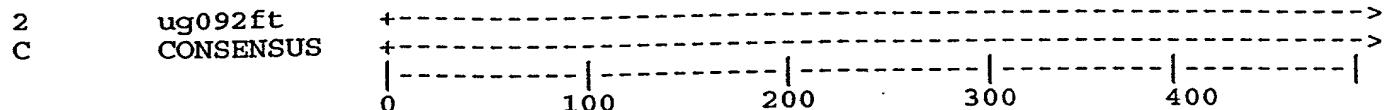


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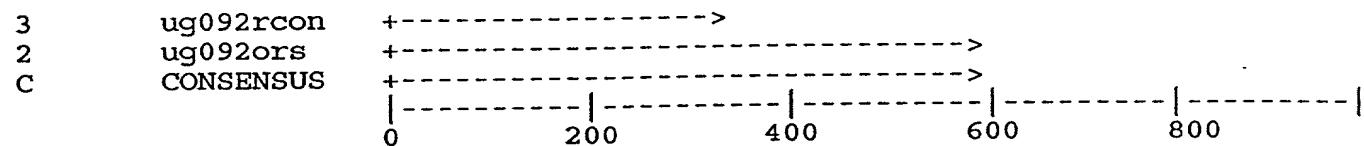
2 ug090rcon
C CONSENSUS



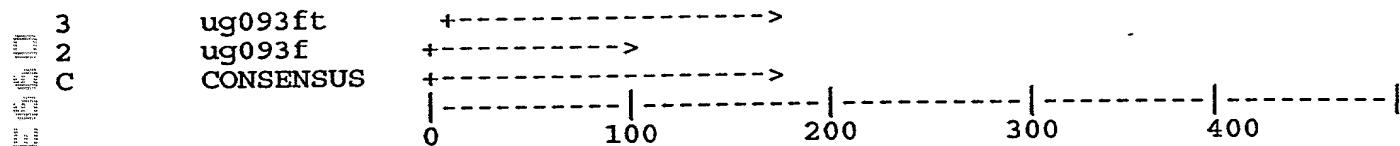
Contig: ug092ft



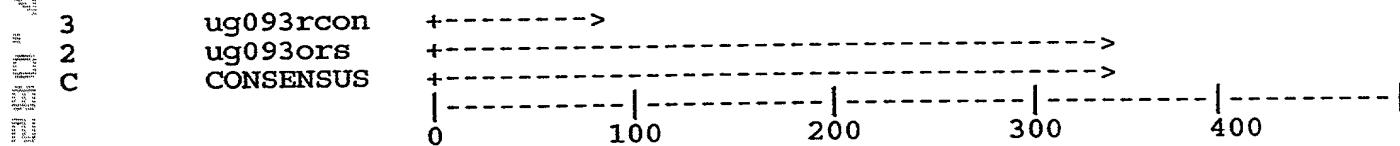
Contig: ug092ors



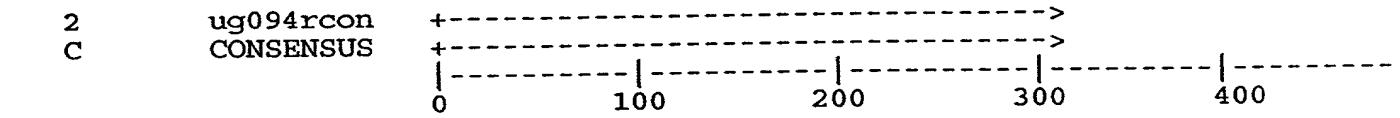
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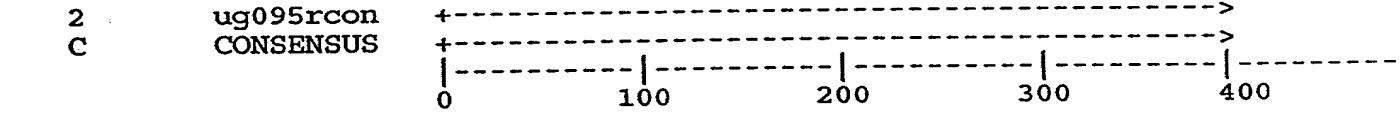
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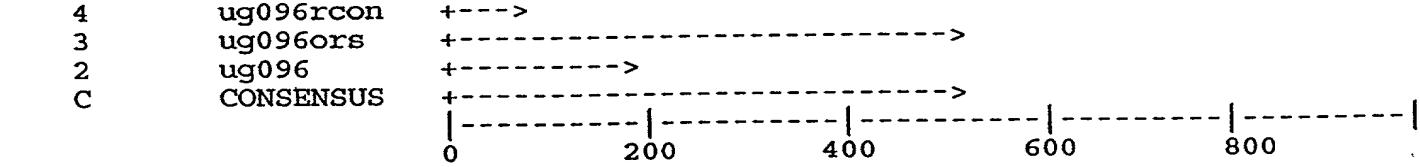
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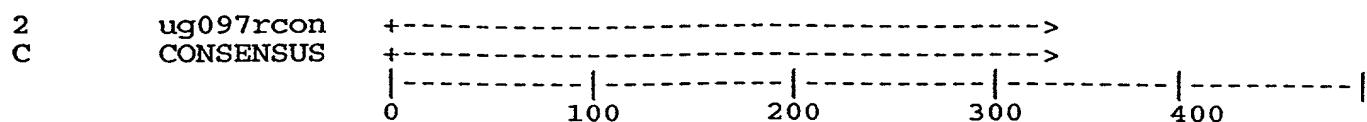
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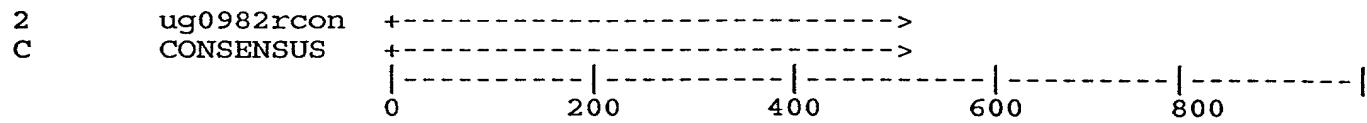
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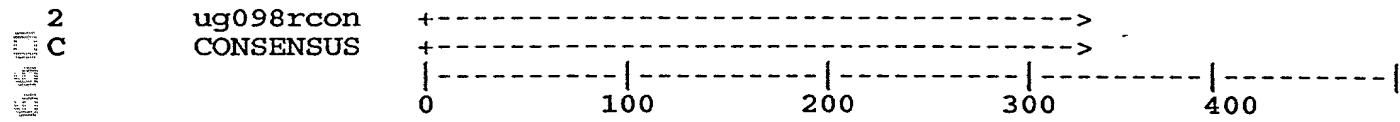
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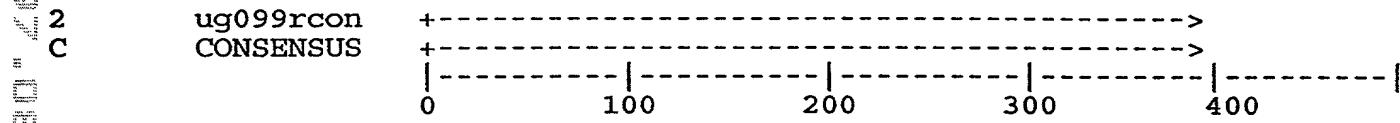
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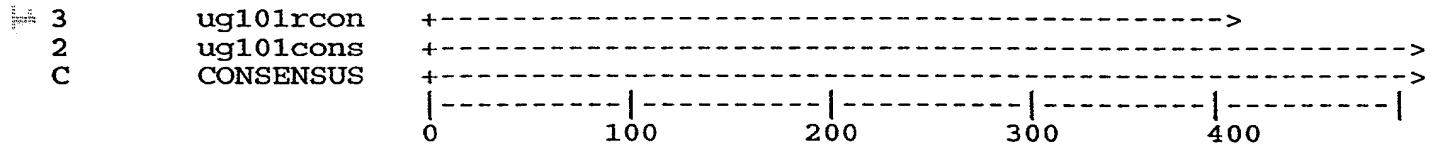
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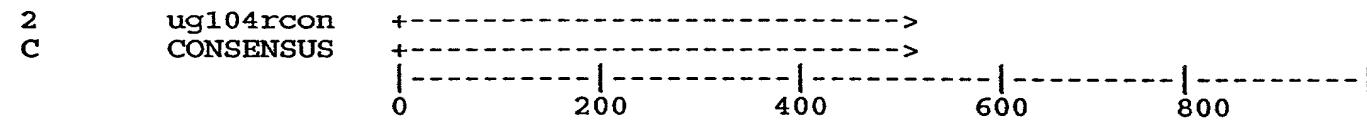
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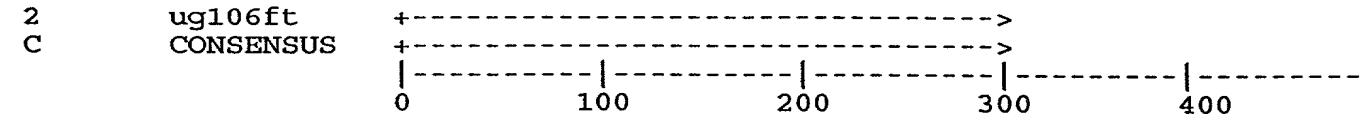
Contig: ug101cons



Contig: ug104rcon

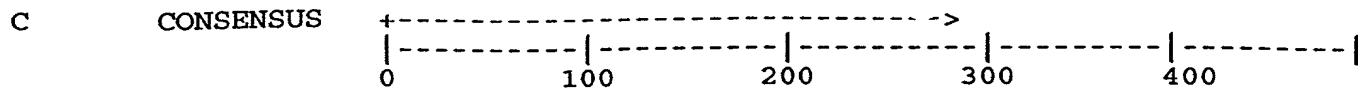


Contig: ug106ft

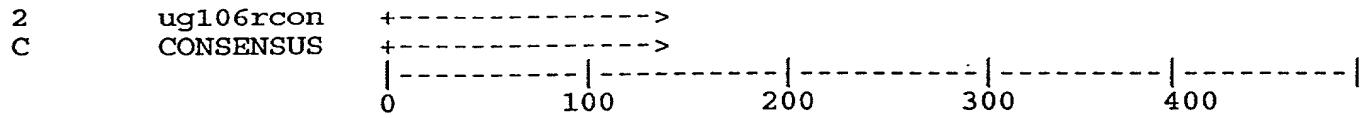


Contig: ug106ors

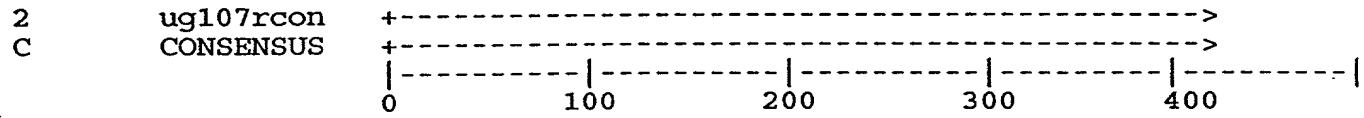




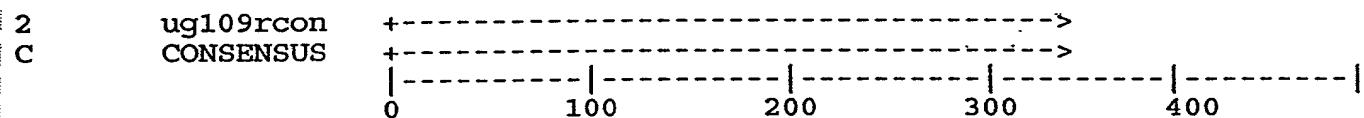
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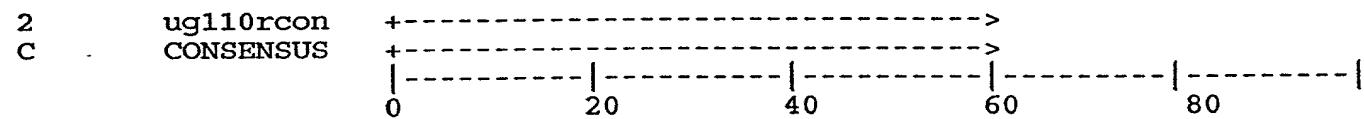
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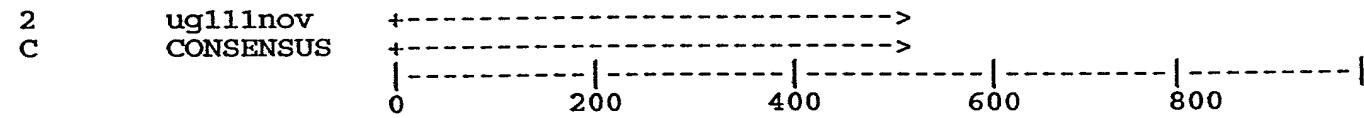
Contig: ug109rcon



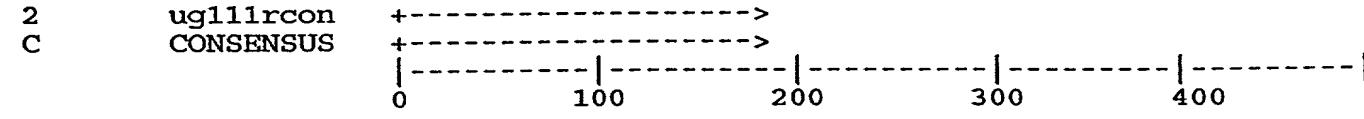
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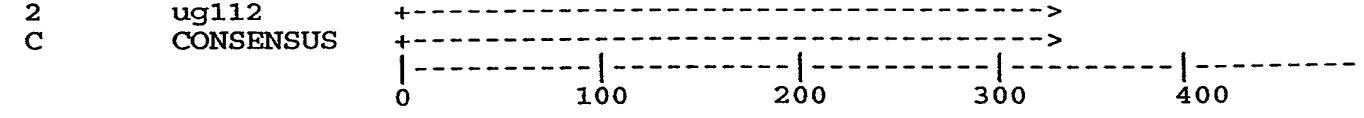
Contig: ug111nov



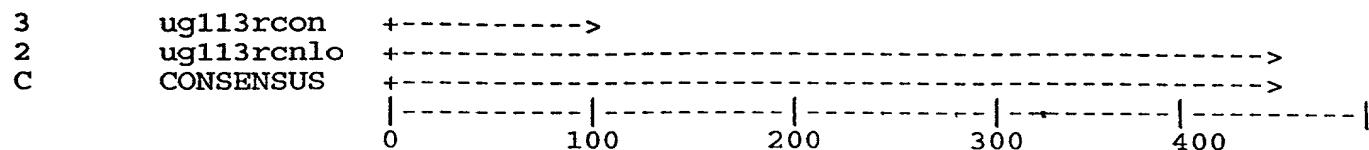
Contig: ug111rcon



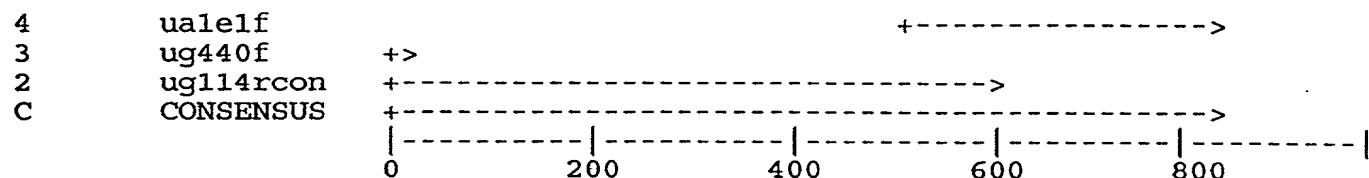
Contig: ug112



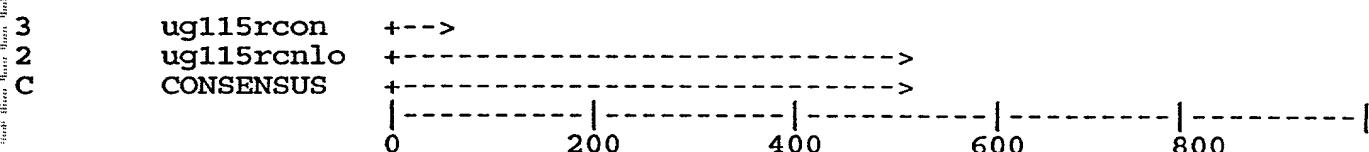
Contig: ug113rcnlo



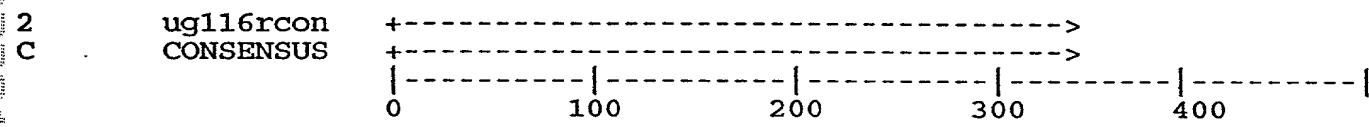
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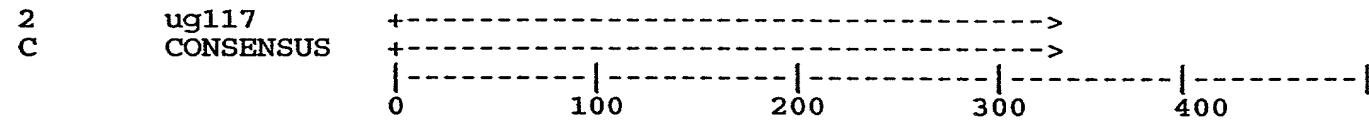
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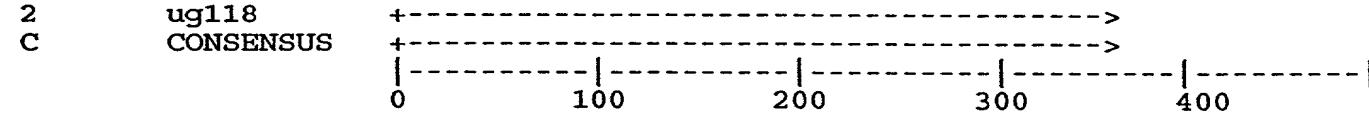
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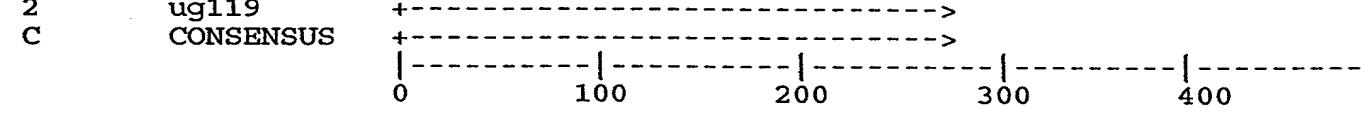
Contig: ug117



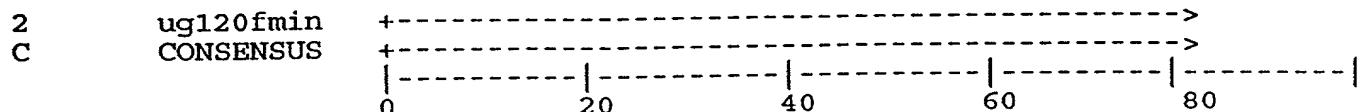
Contig: ug118



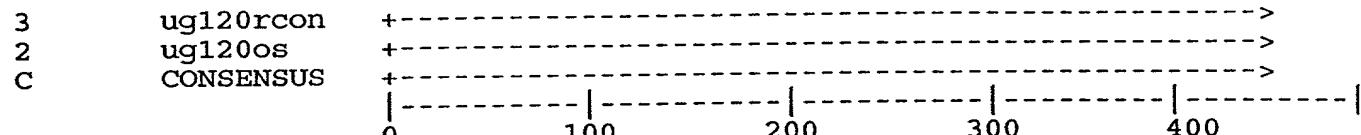
Contig: ug119



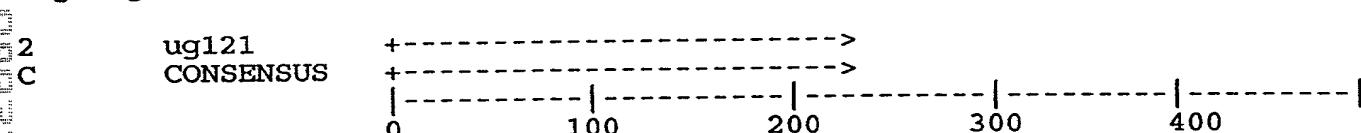
Contig: ug120fmin



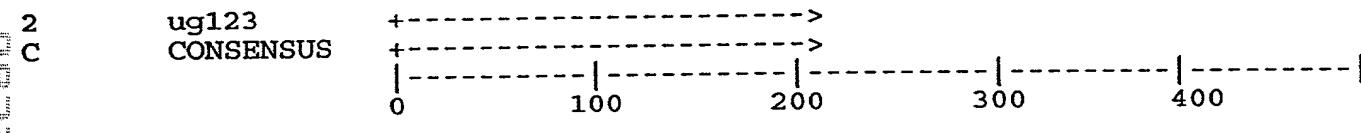
Contig: ug120os



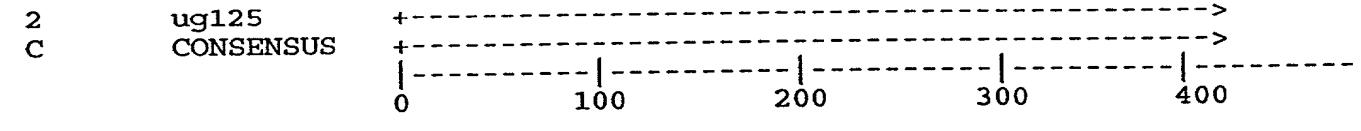
Contig: ug121



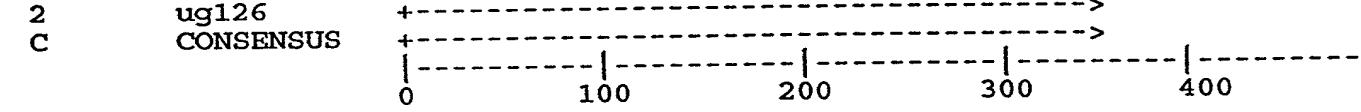
Contig: ug123



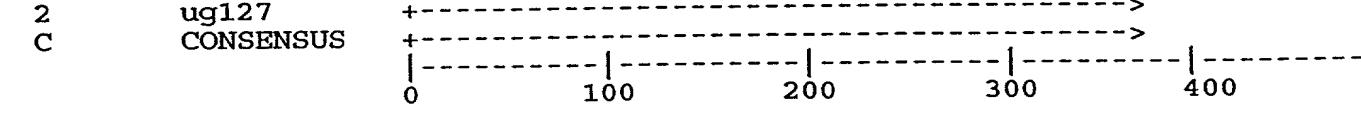
Contig: ug125



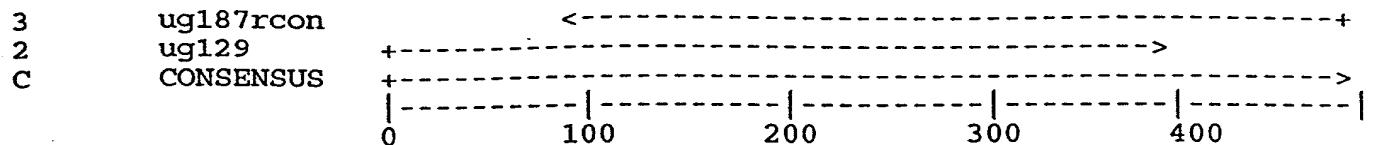
Contig: ug126



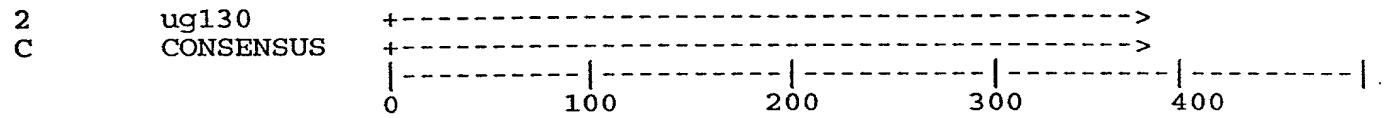
Contig: ug127



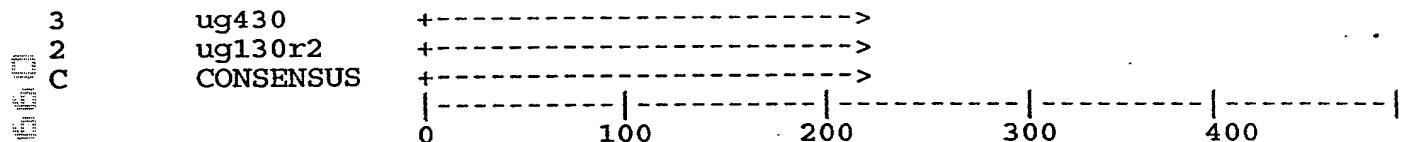
Contig: ug129



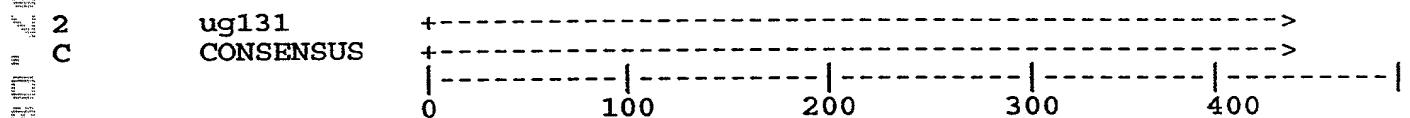
Contig: ug130



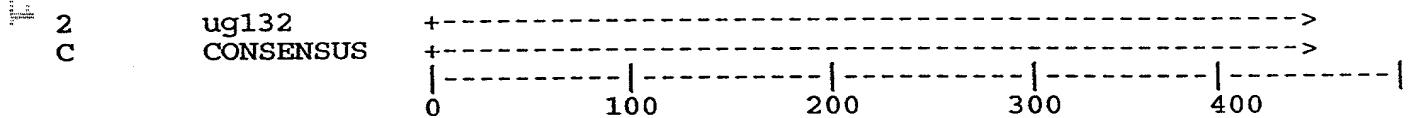
Contig: ug130r2



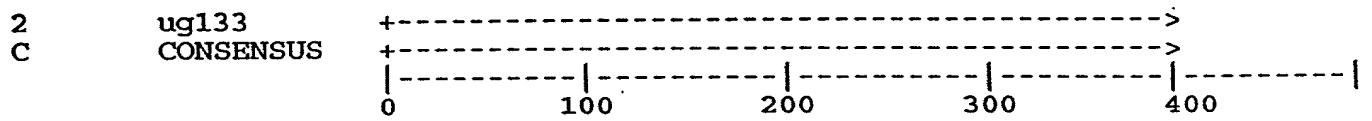
Contig: ug131



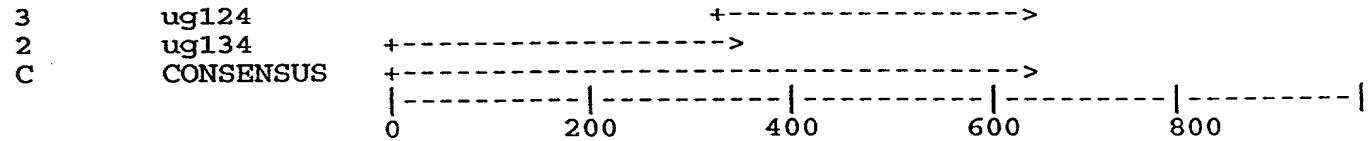
Contig: ug132



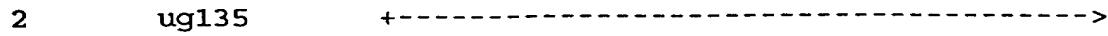
Contig: ug133

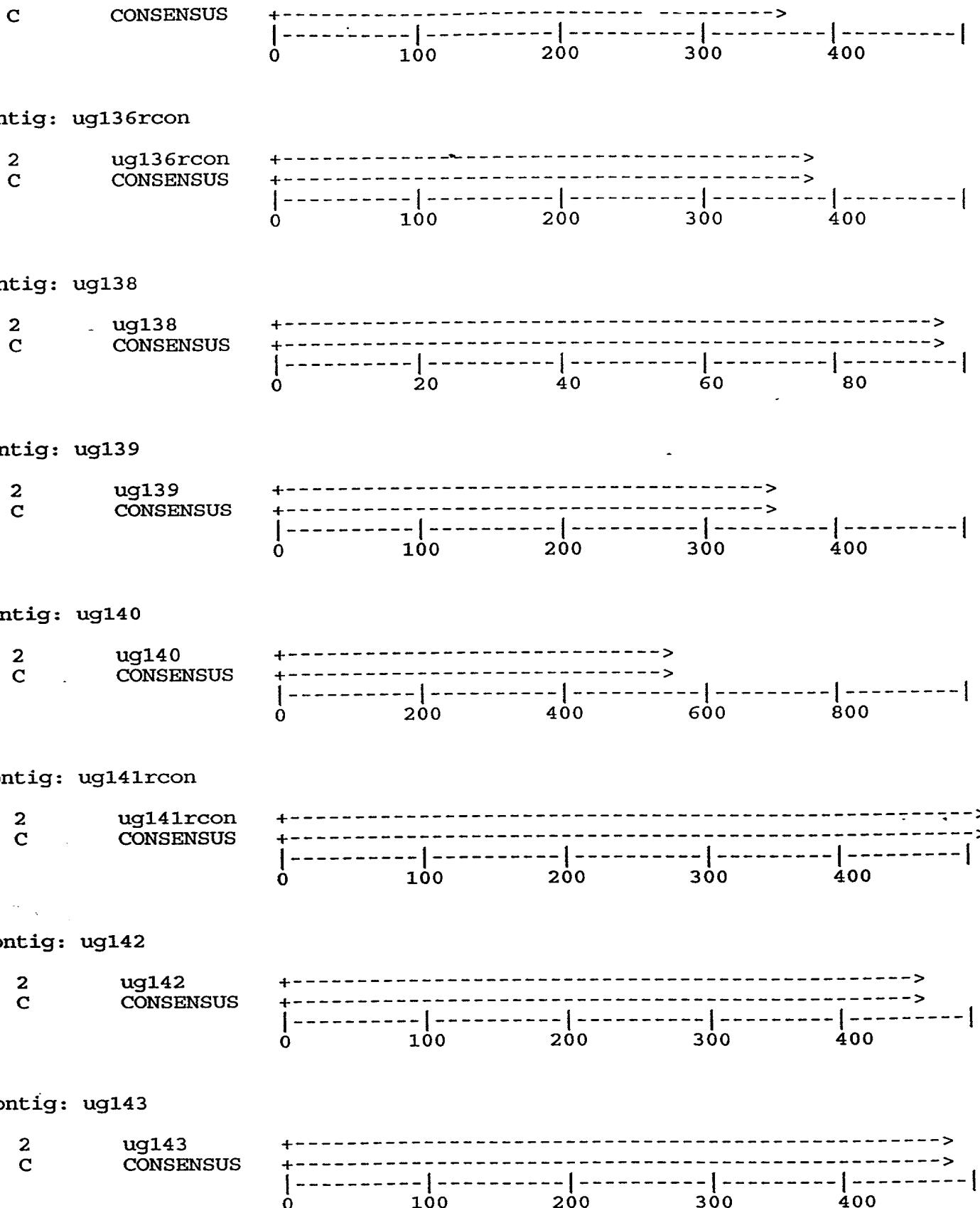


Contig: ug134

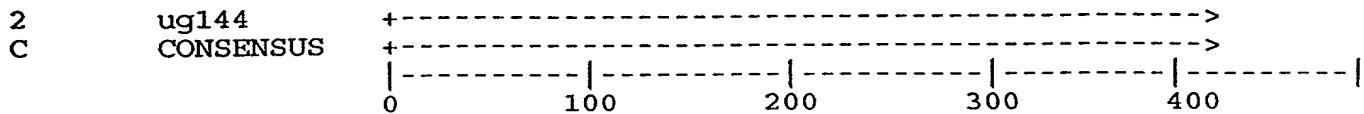


Contig: ug135

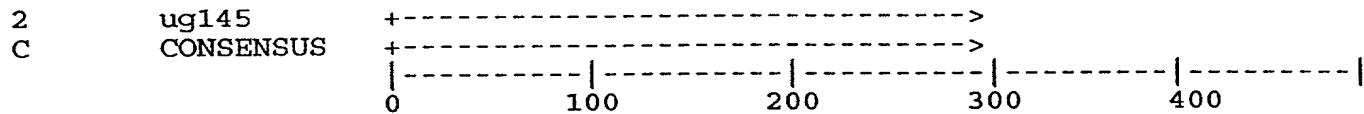




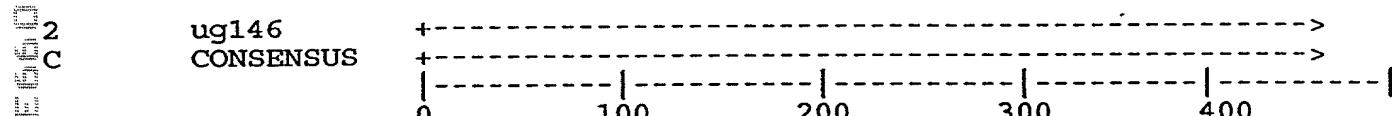
Contig: ug144



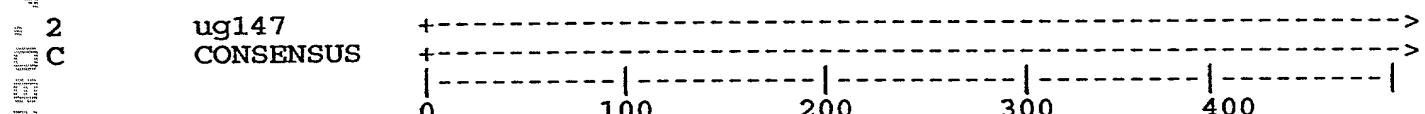
Contig: ug145



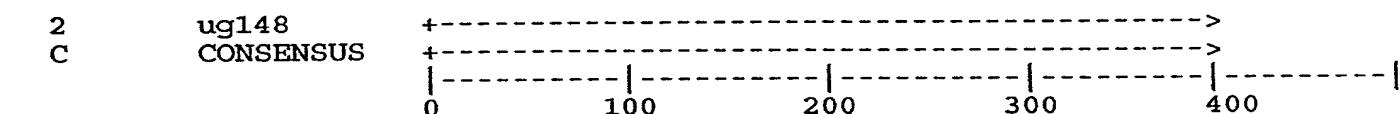
Contig: ug146



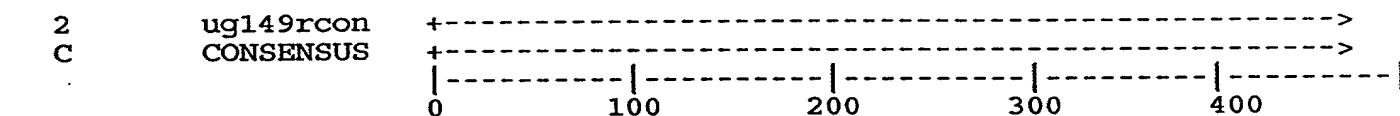
Contig: ug147



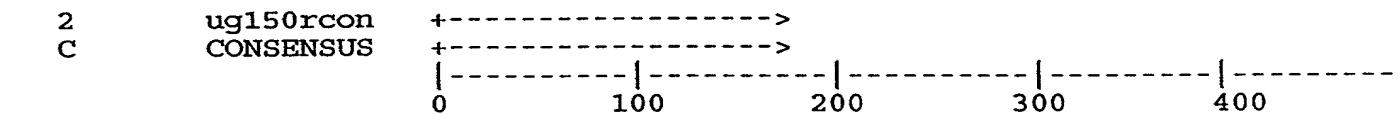
Contig: ug148



Contig: ug149rcon

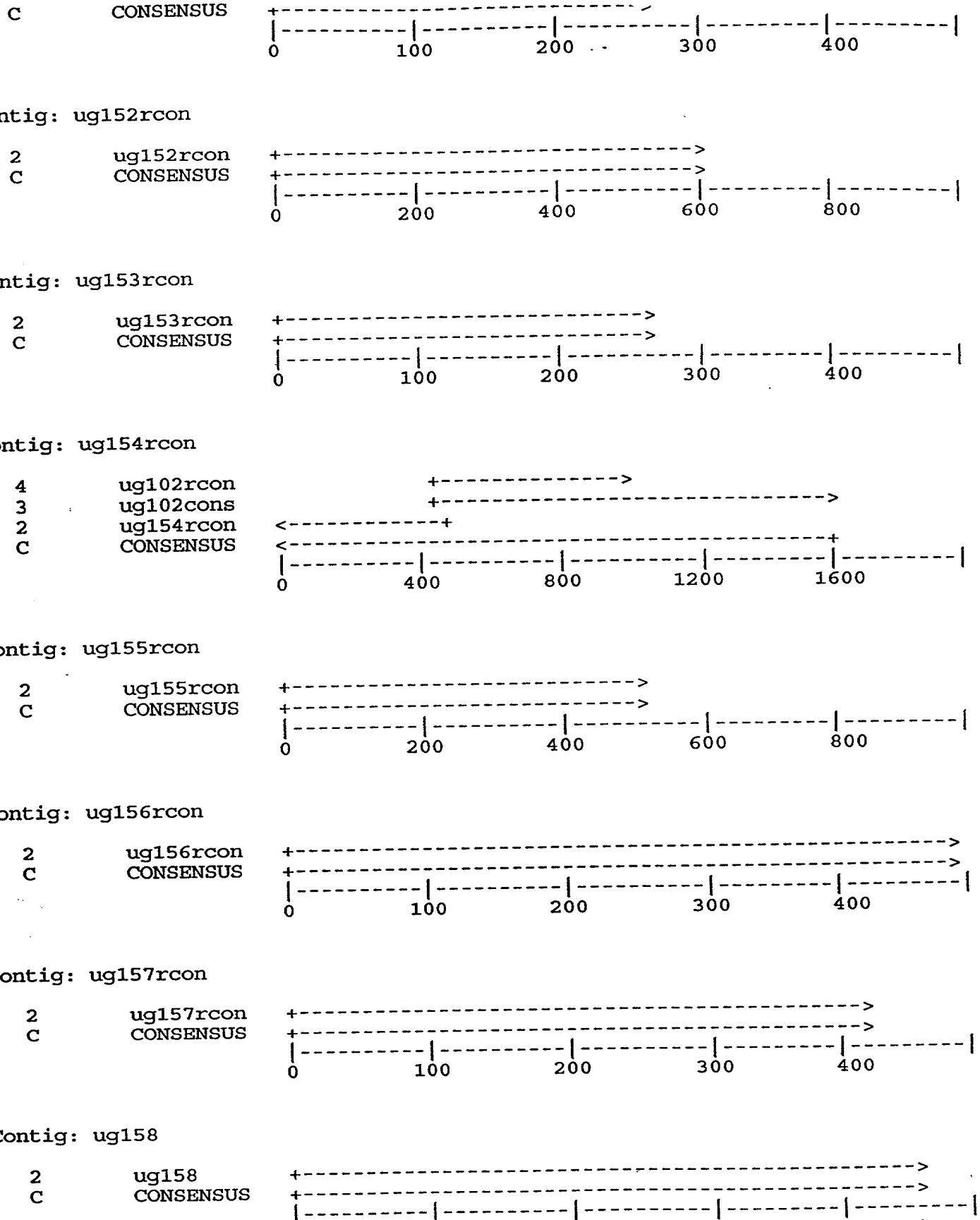


Contig: ug150rcon



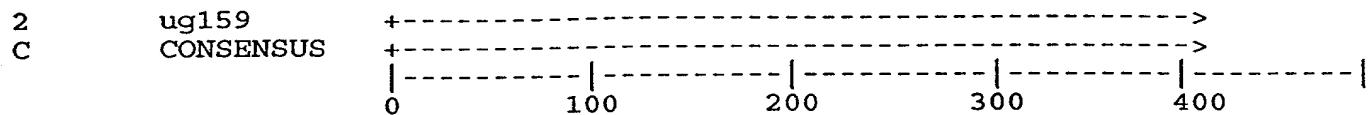
Contig: ug151rcon



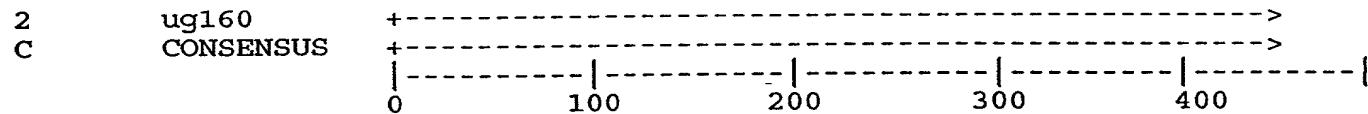


0 100 200 300 400

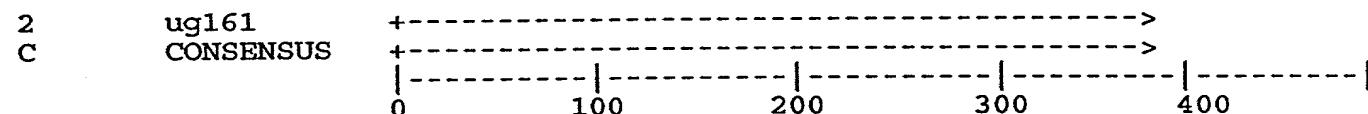
Contig: ug159



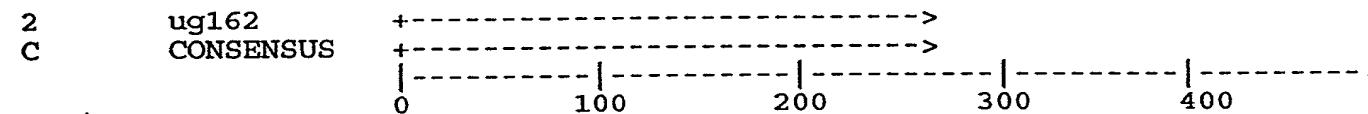
Contig: ug160



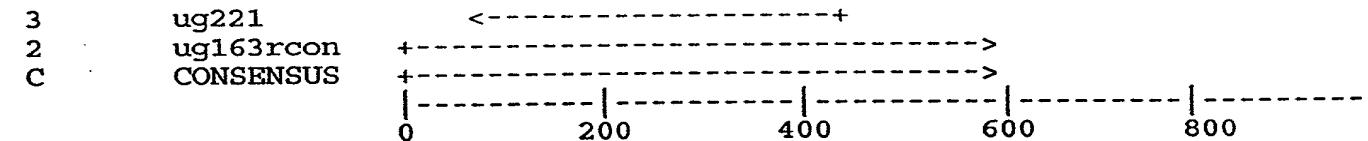
Contig: ug161



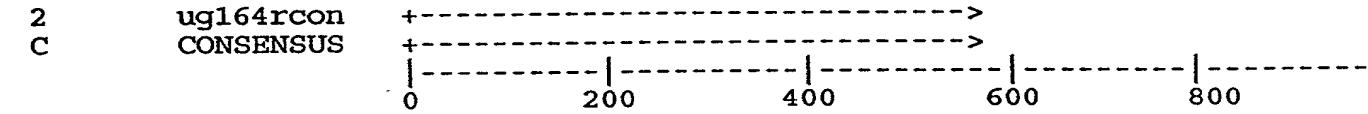
Contig: ug162



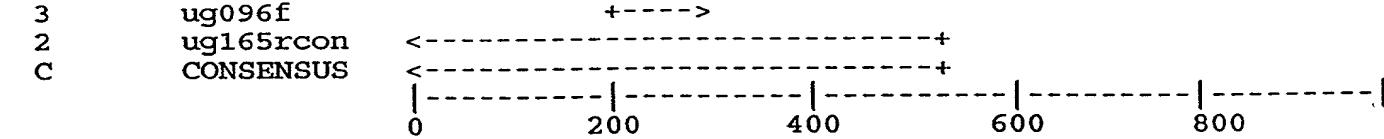
Contig: ug163rcon



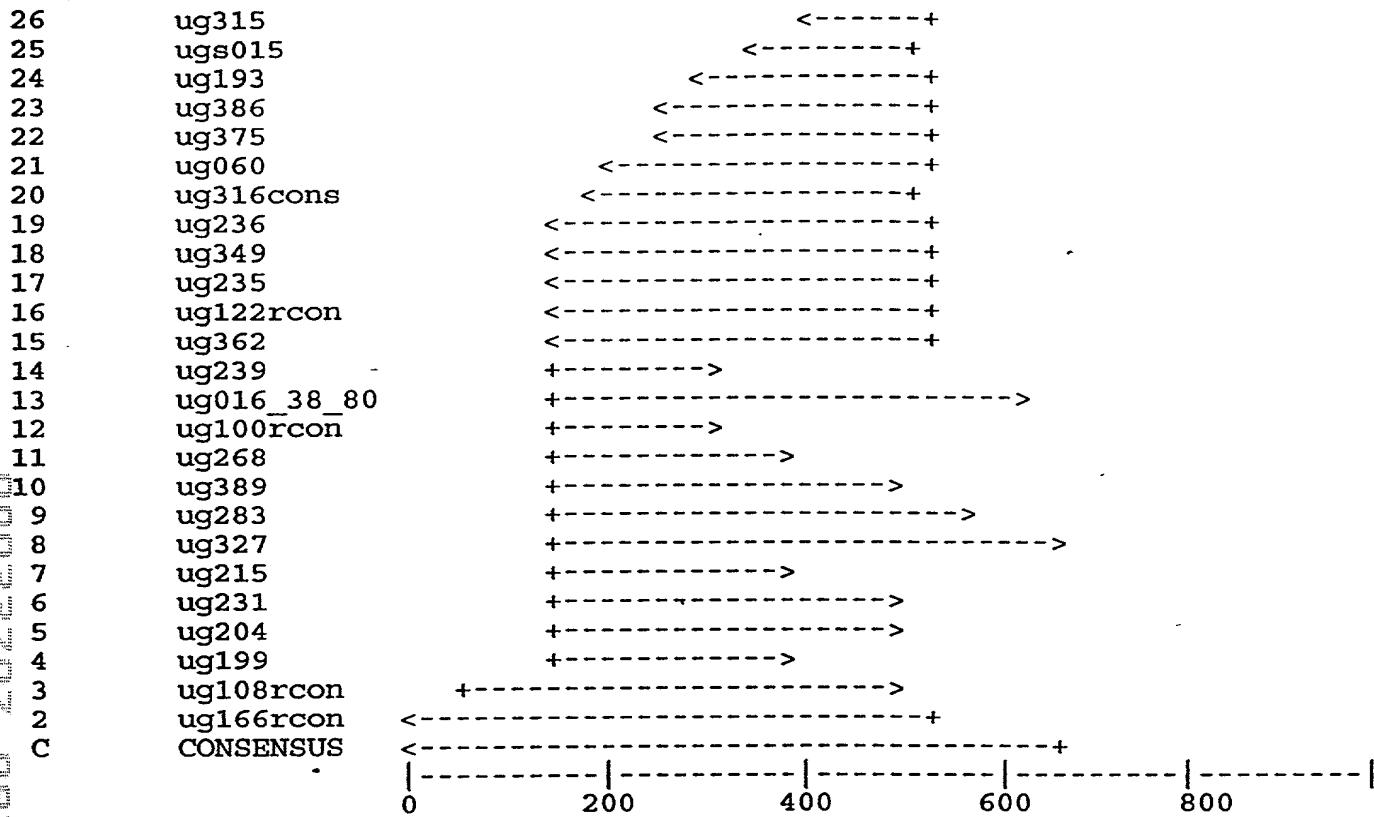
Contig: ug164rcon



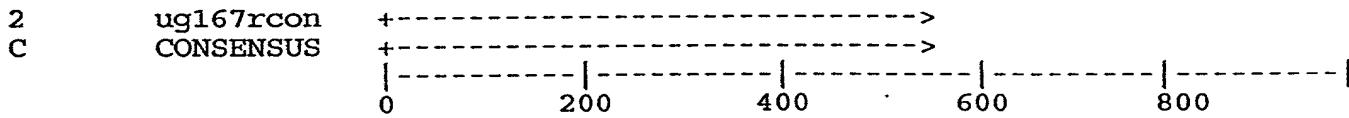
Contig: ug165rcon



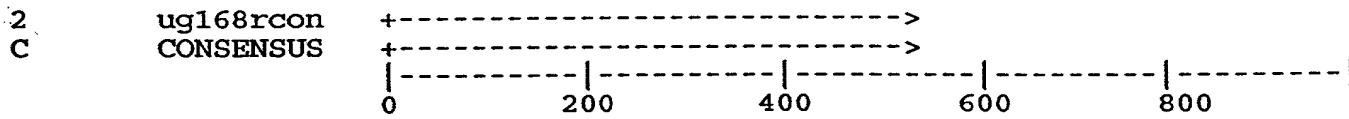
Contig: ug166rcon



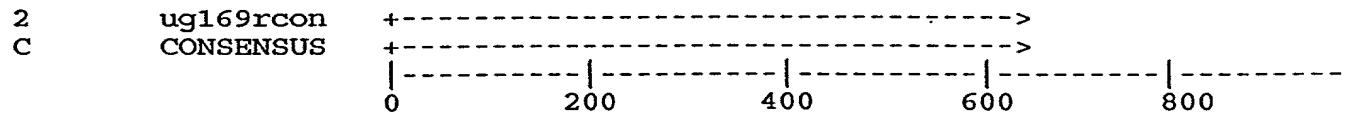
Contig: ug167rcon



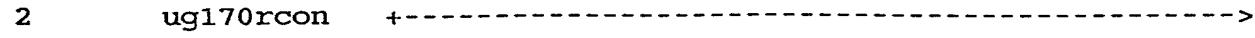
Contig: ug168rcon

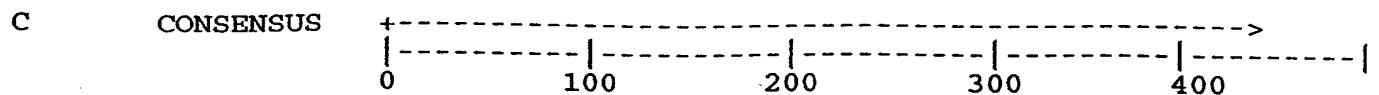


Contig: ug169rcon

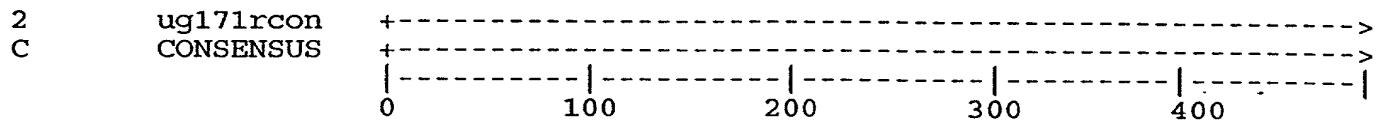


Contig: ug170rcon

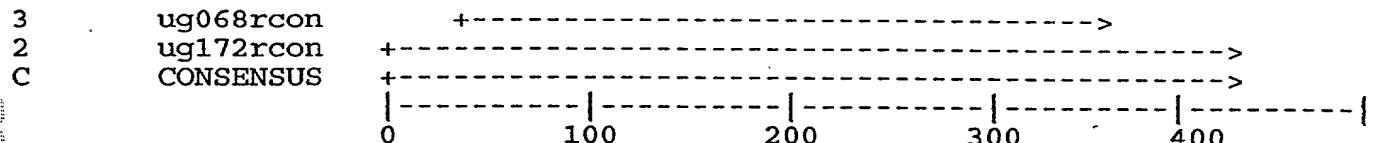




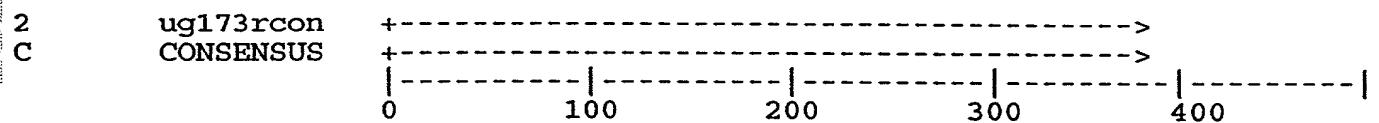
Contig: ug171rcon



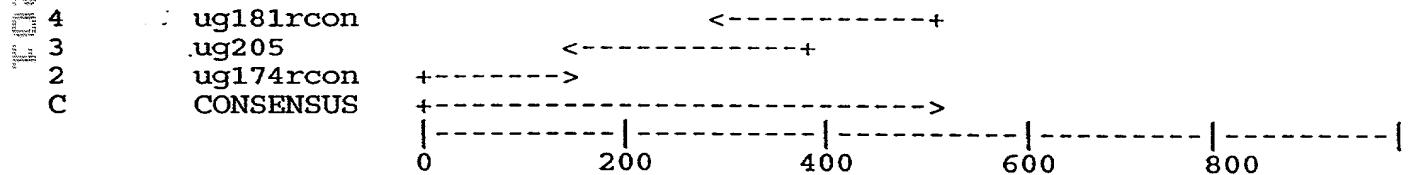
Contig: ug172rcon



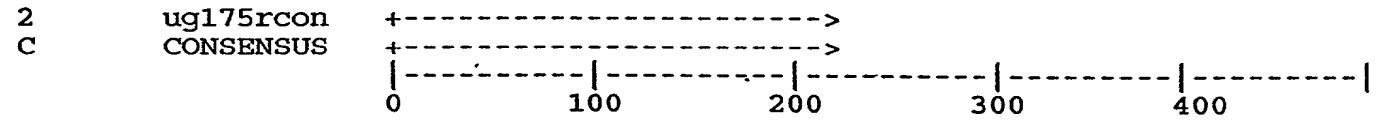
Contig: ug173rcon



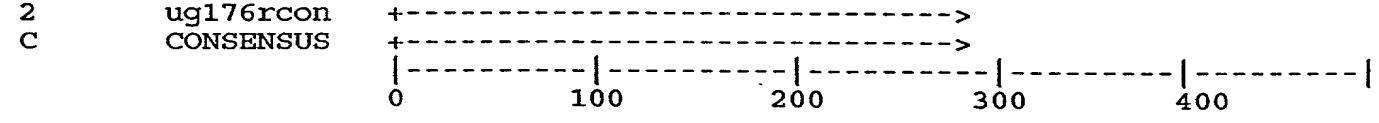
Contig: ug174rcon



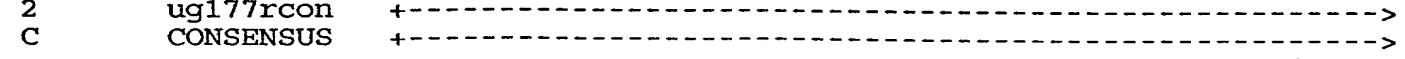
Contig: ug175rcon



Contig: ug176rcon



Contig: ug177rcon



Horizontal Pools

The diagram shows a 9x10 grid of numbers. The columns are labeled 'Horizontal Pools' with an arrow pointing right above them. The rows are labeled 'Vertical Pools' with an arrow pointing down to their left.

297	298	299	300	301	302	304	305	E16
306	307	308	309	310	<u>311</u>	312	313	<u>E15</u>
314	316	317	318	319	320	321	322	E14
323	324	326	328	329	330	331	332	E13
333	334	335	337	338	339	340	341	E12
342	343	344	345	346	348	350	351	E11
352	353	354	355	356	357	358	359	E10
360	364	365	366	367	368	369	370	E9
E1	E2	E3	E4	E5	<u>E6</u>	E7	E8	

FIG. 2

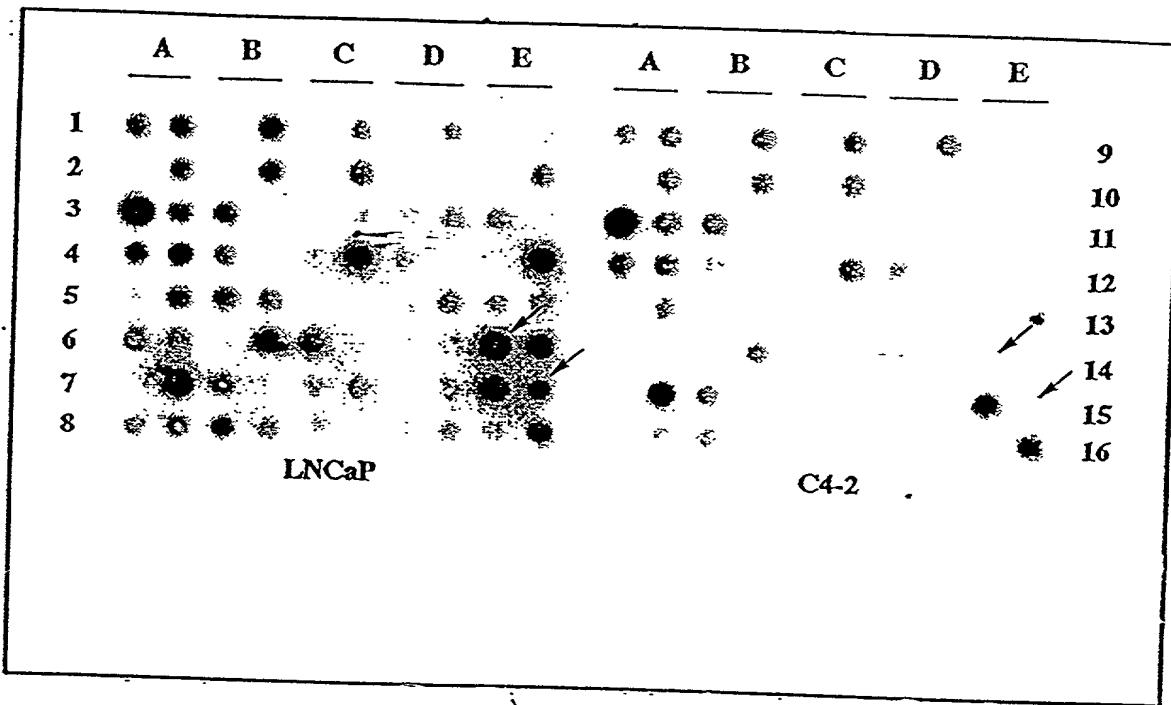


FIG. 3

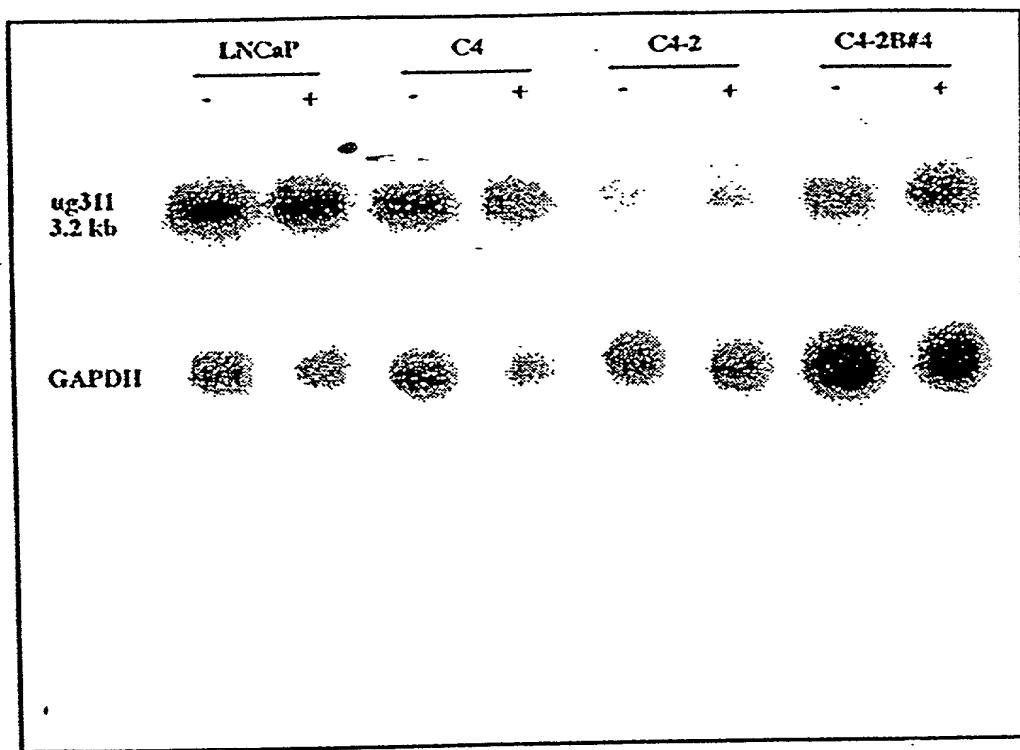


FIG. 4

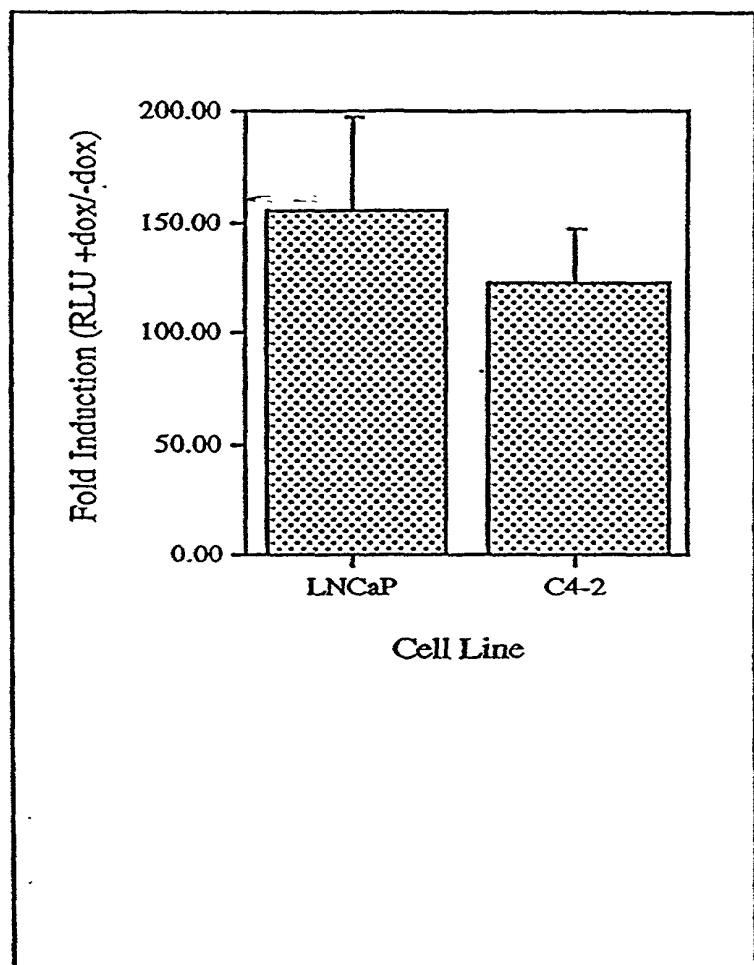


FIG. 5

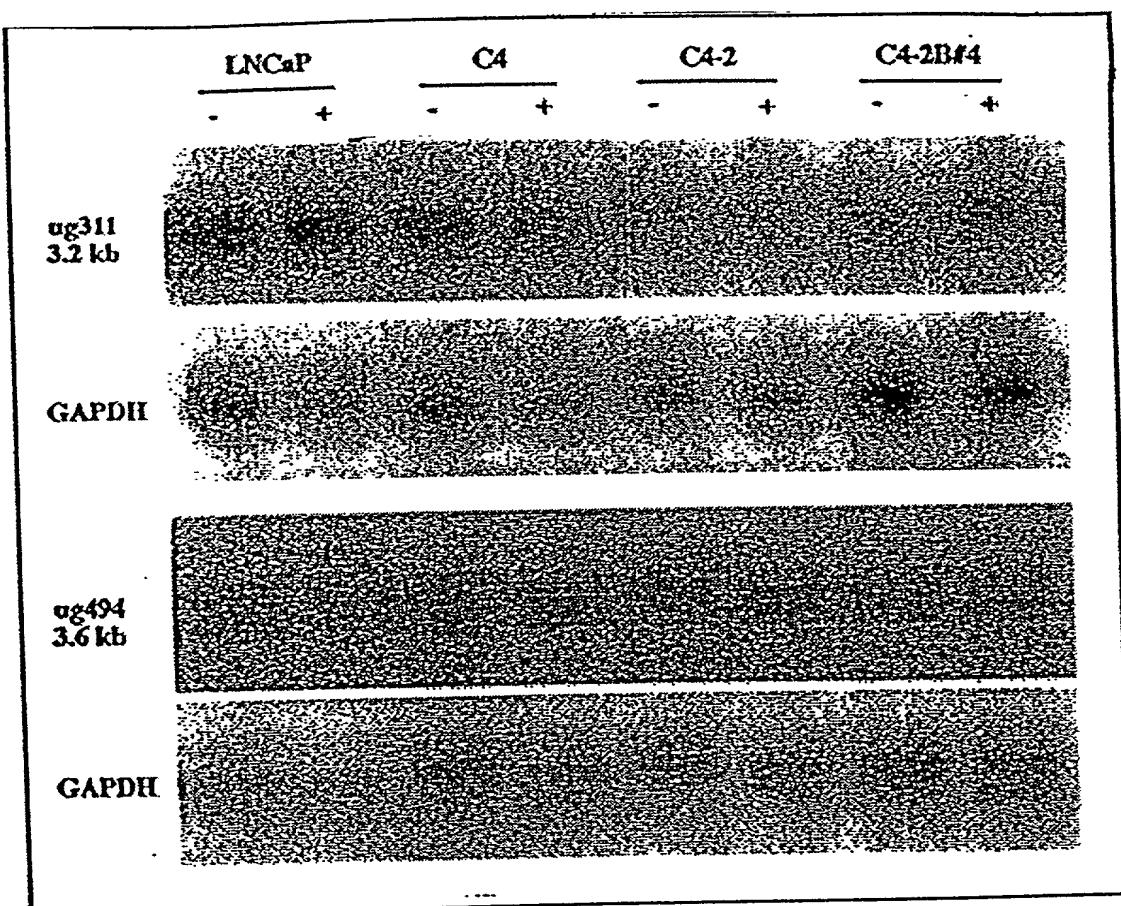


FIG. 6

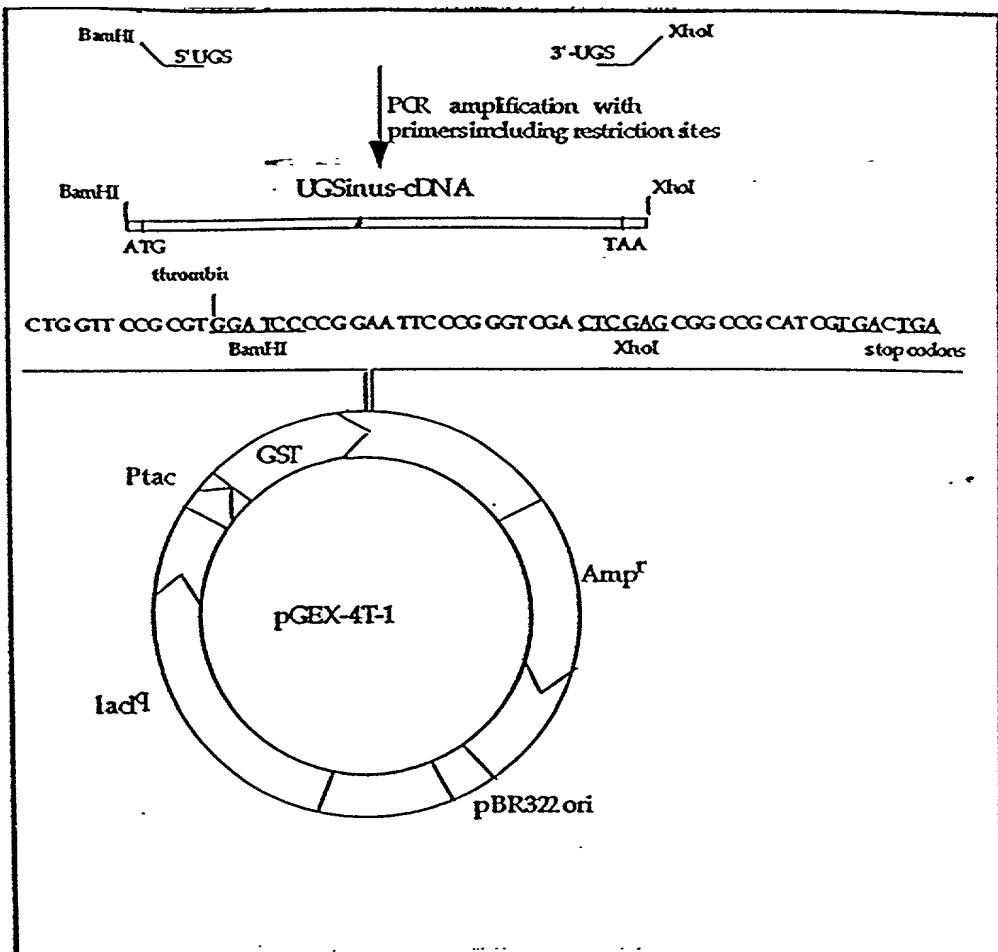
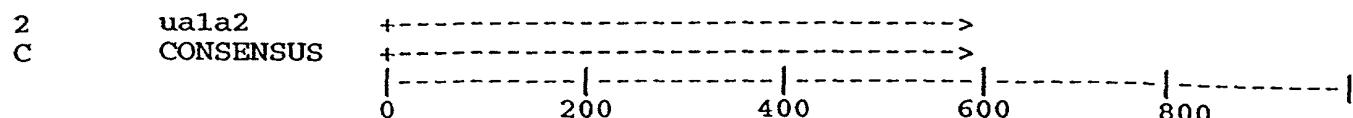
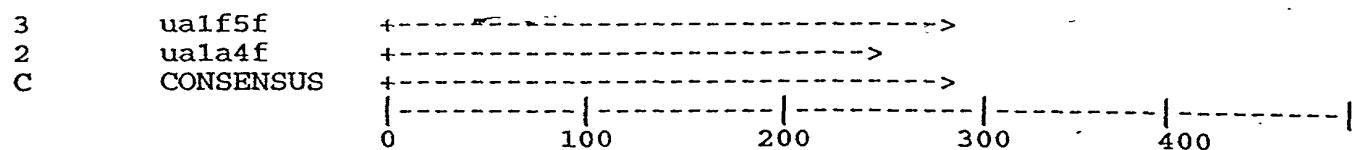


FIG. 7

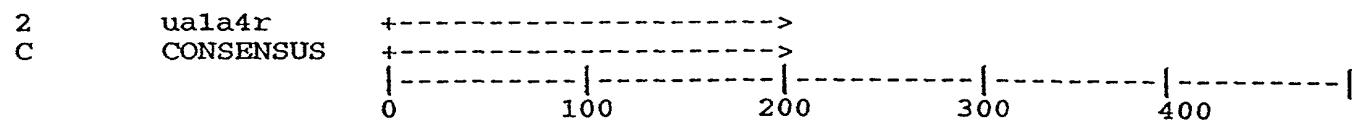
tig: uala2



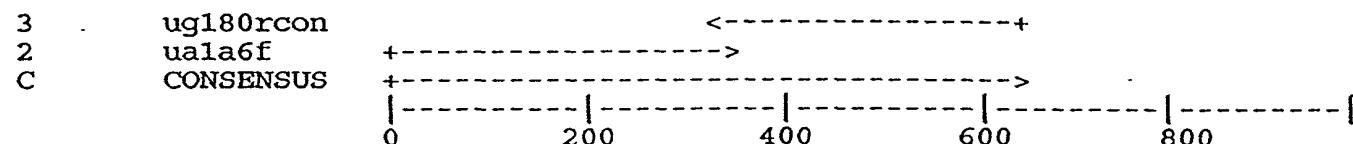
ntig: uala4f



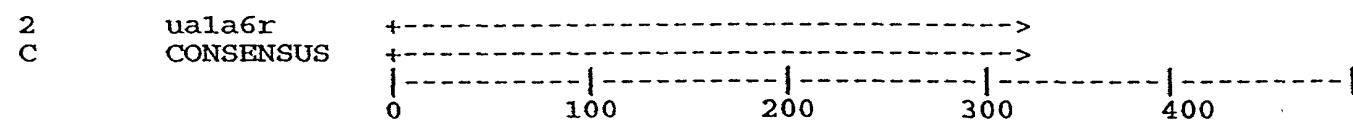
ntig: uala4r



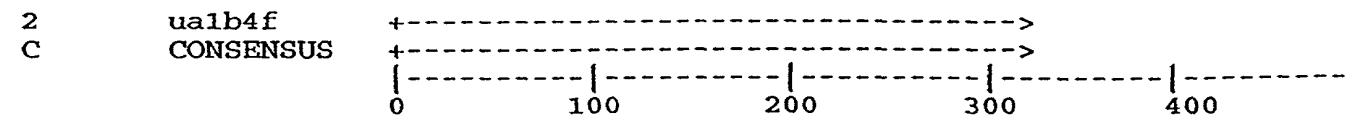
ntig: uala6f



tig: uala6r



ontig: ualb4f



ontig: ualb4r

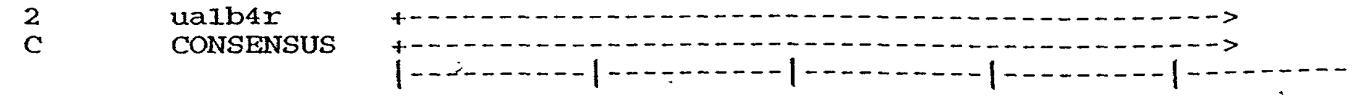
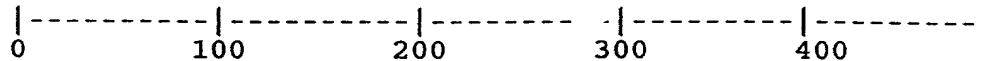
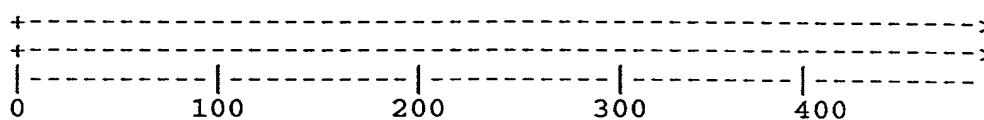


FIG. 8



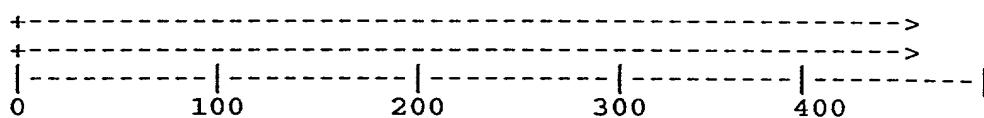
Contig: ug178rcon

2 ug178rcon
C CONSENSUS



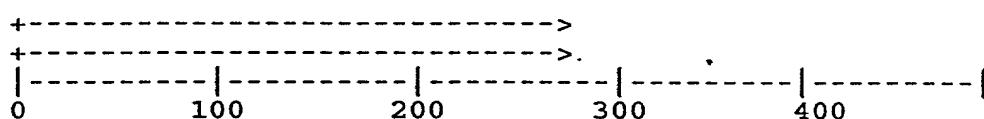
Contig: ug179rcon

2 ug179rcon
C CONSENSUS



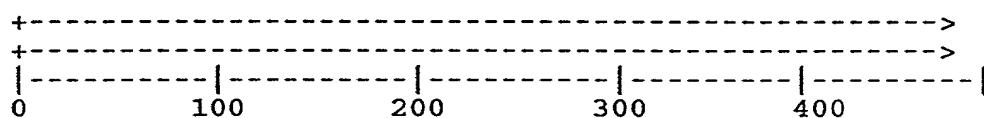
Contig: ug182

2 ug182
C CONSENSUS



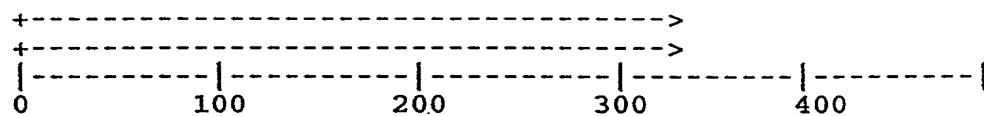
Contig: ug183rcon

2 ug183rcon
C CONSENSUS



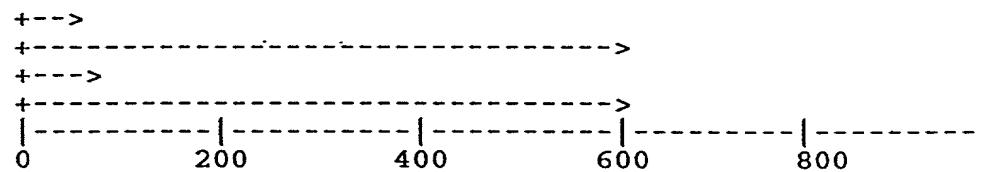
Contig: ug184rcon

2 ug184rcon
C CONSENSUS



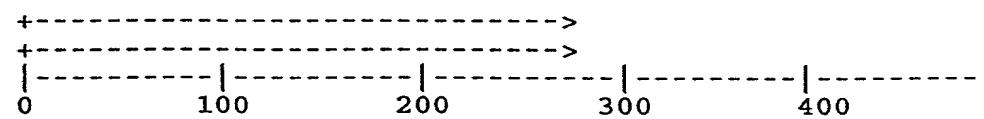
Contig: ug185

4 ug485
3 ug485ors
2 ug185
C CONSENSUS

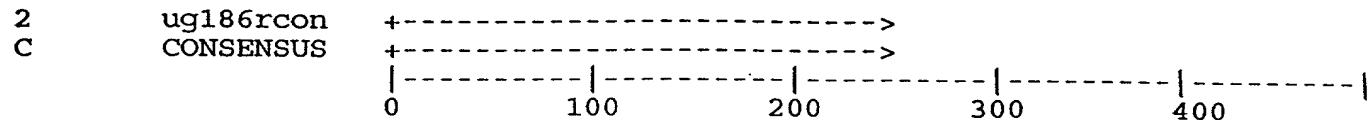


Contig: ug185rcon

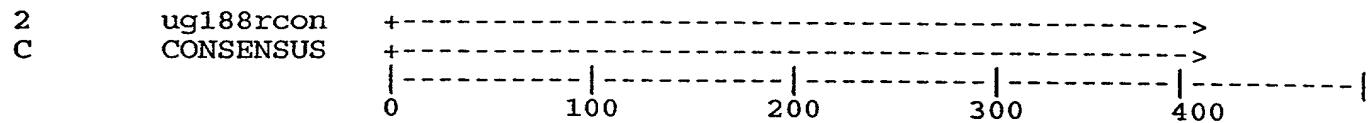
2 ug185rcon
C CONSENSUS



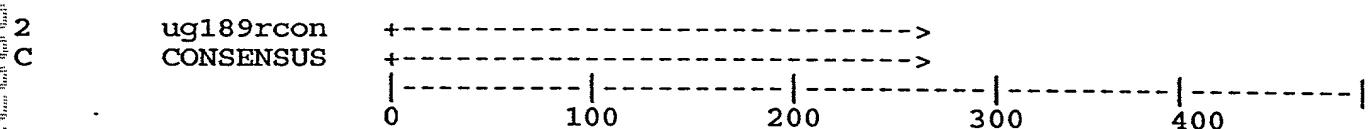
Contig: ug186rcon



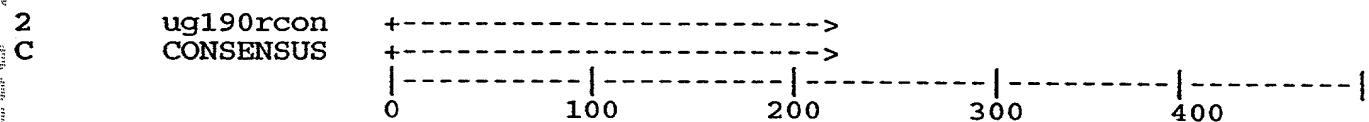
Contig: ug188rcon



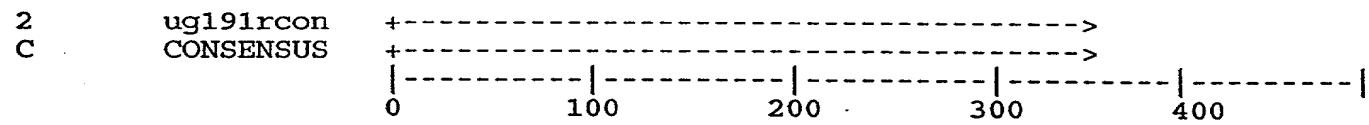
Contig: ug189rcon



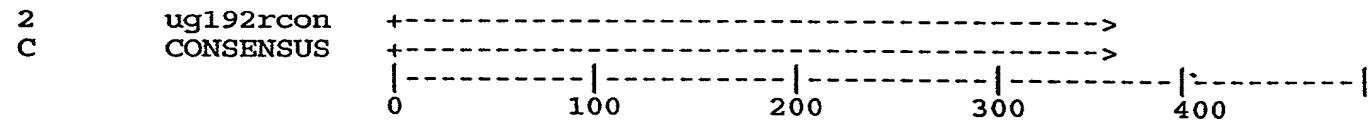
Contig: ug190rcon



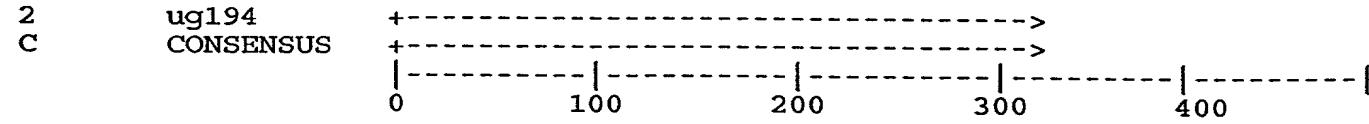
Contig: ug191rcon



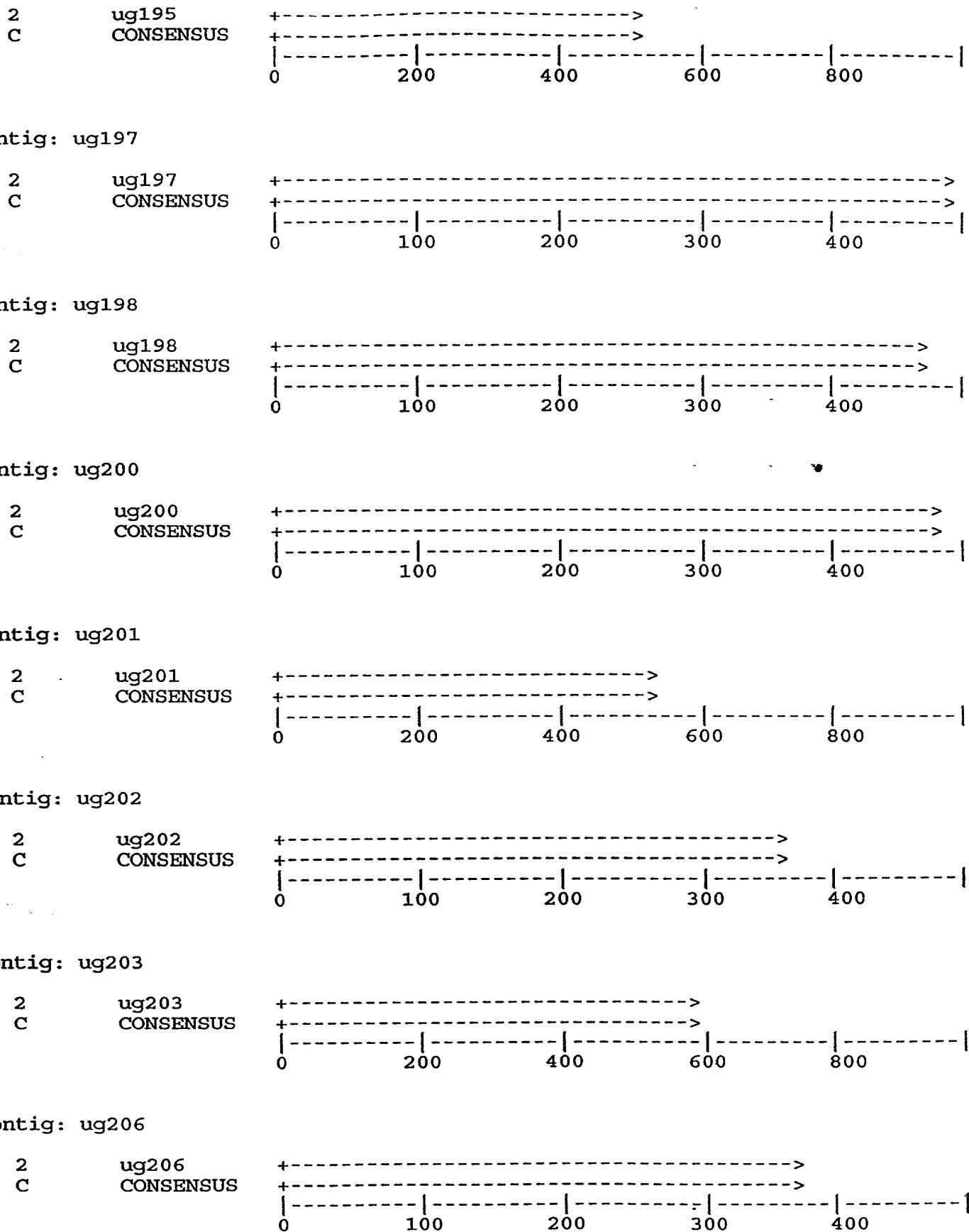
Contig: ug192rcon



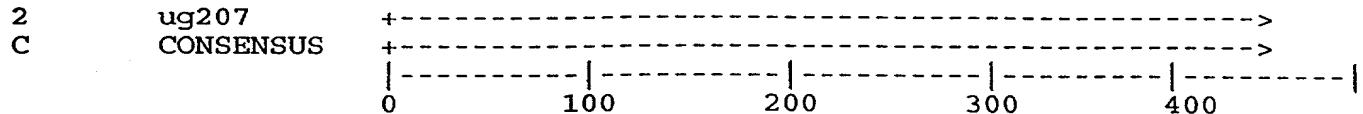
Contig: ug194



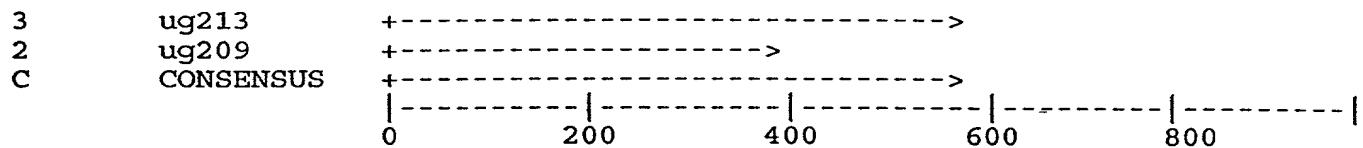
Contig: ug195



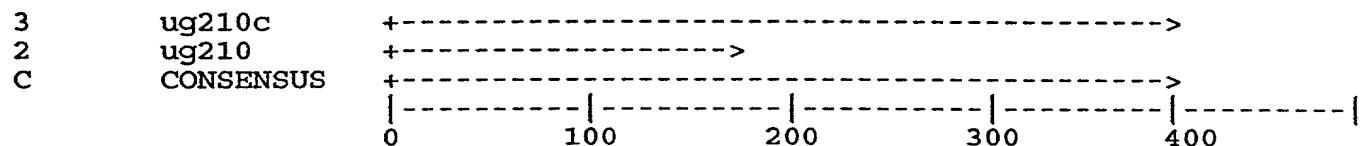
Contig: ug207



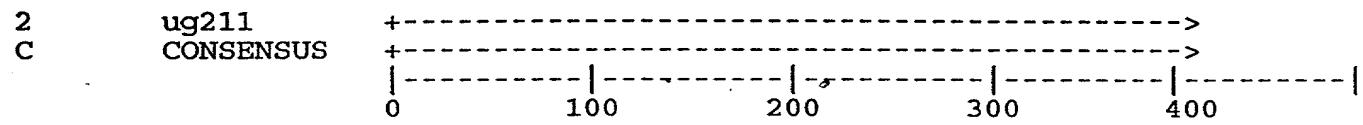
Contig: ug209



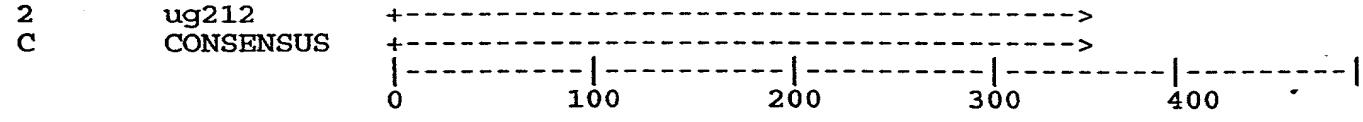
Contig: ug210



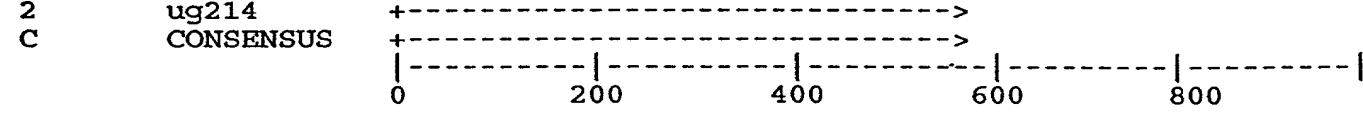
Contig: ug211



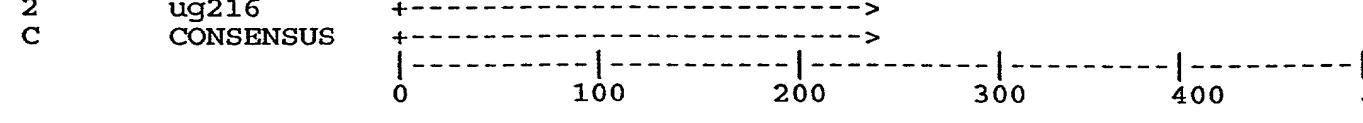
Contig: ug212



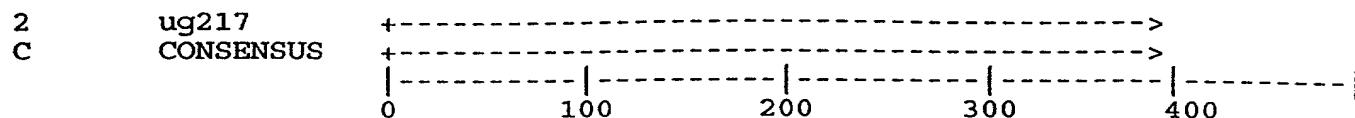
Contig: ug214



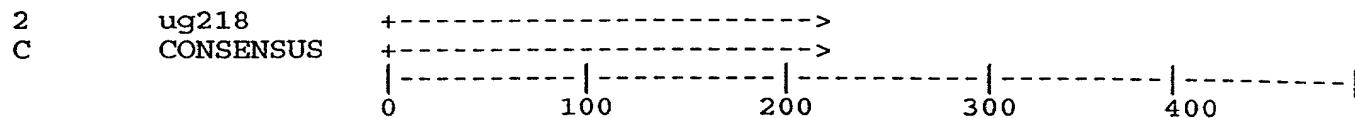
Contig: ug216



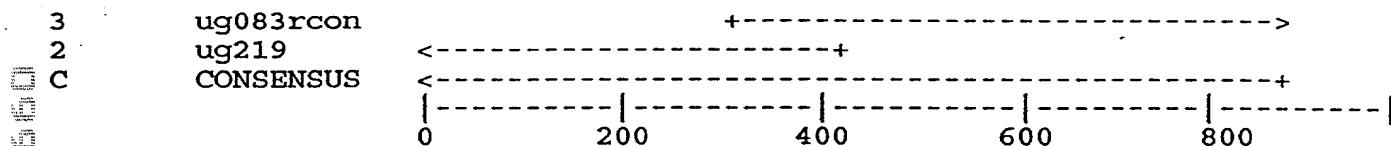
Contig: ug217



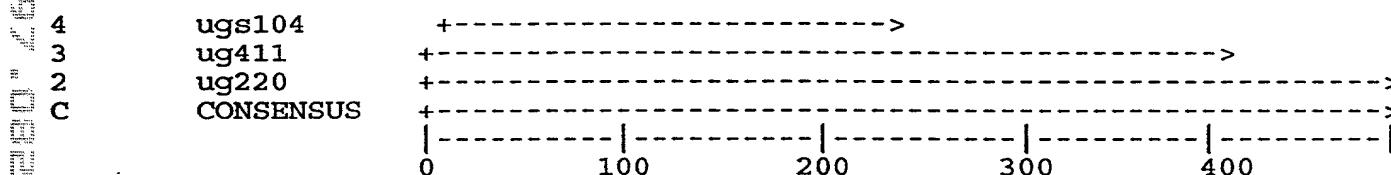
Contig: ug218



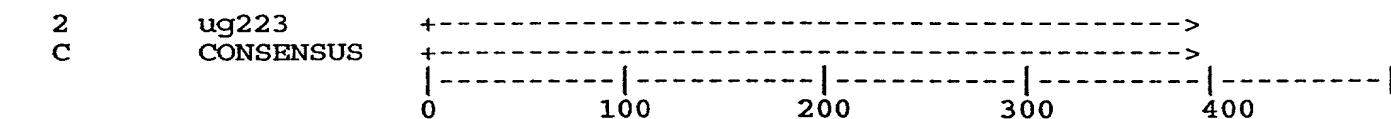
Contig: ug219



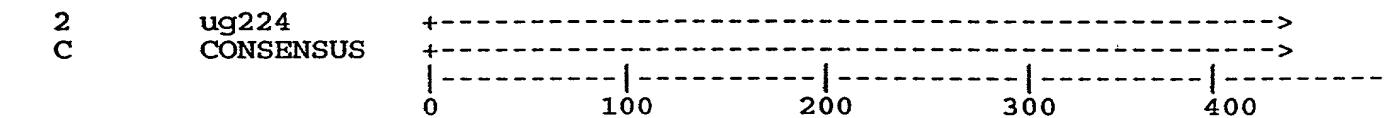
Contig: ug220



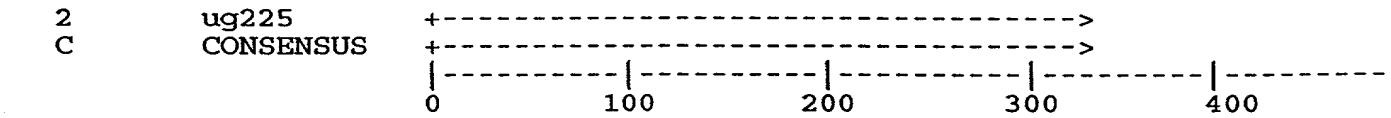
Contig: ug223



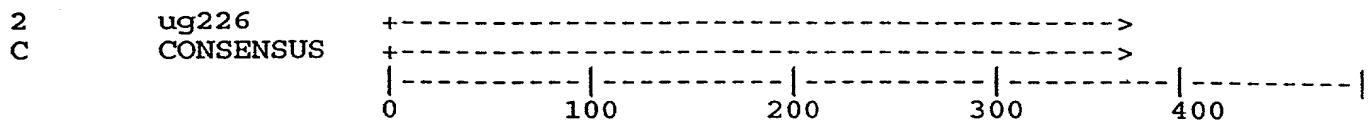
Contig: ug224



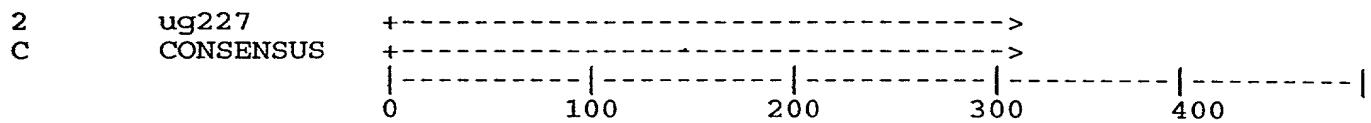
Contig: ug225



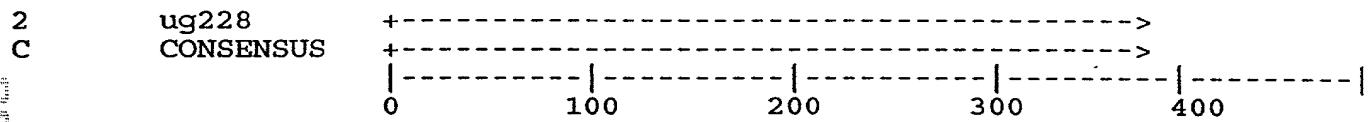
Contig: ug226



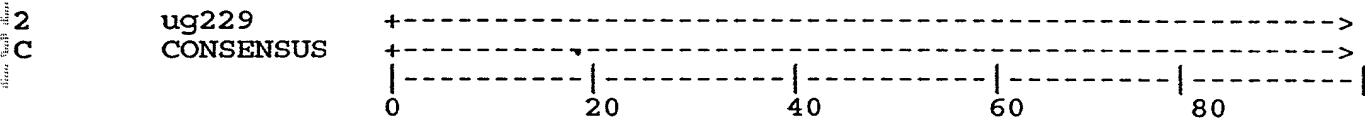
Contig: ug227



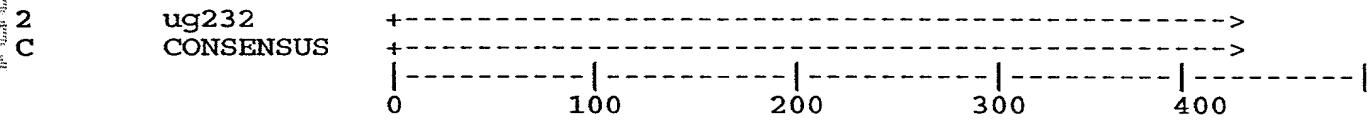
Contig: ug228



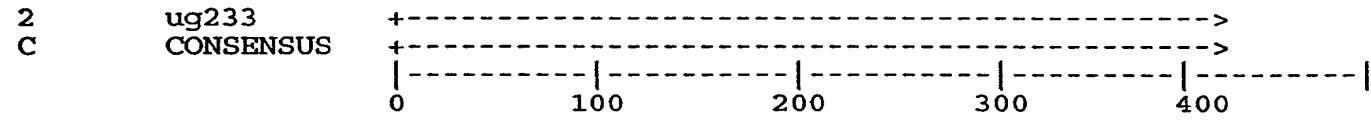
Contig: ug229



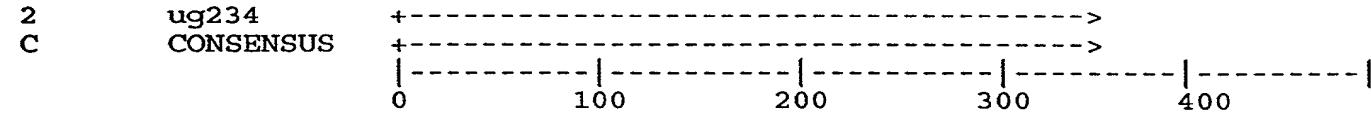
Contig: ug232



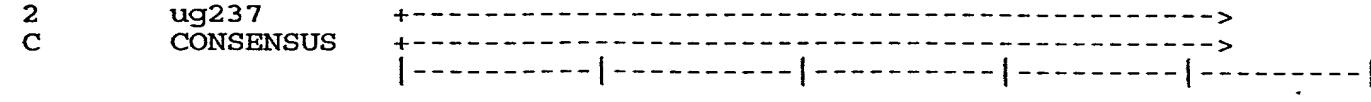
Contig: ug233



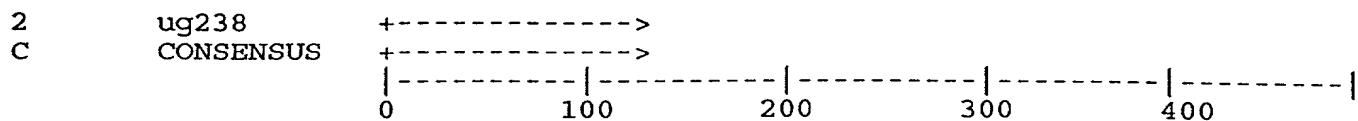
Contig: ug234



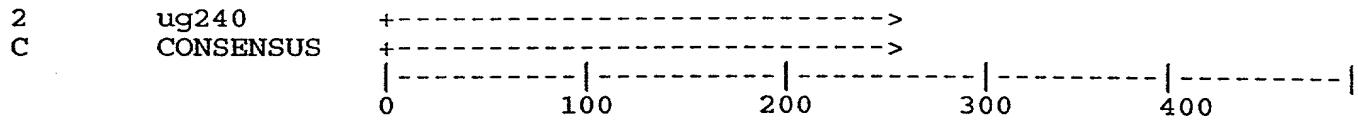
Contig: ug237



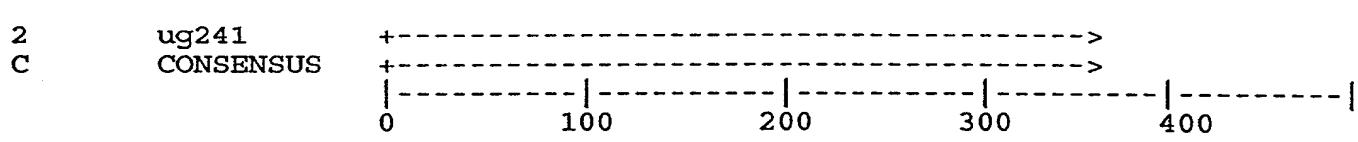
Contig: ug238



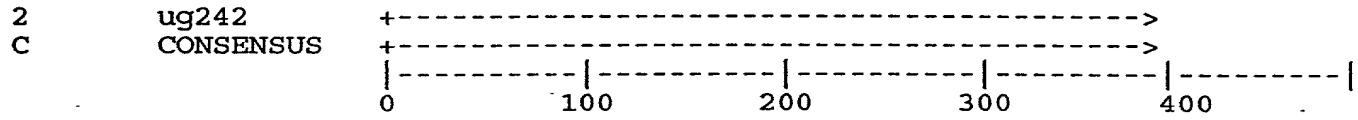
Contig: ug240



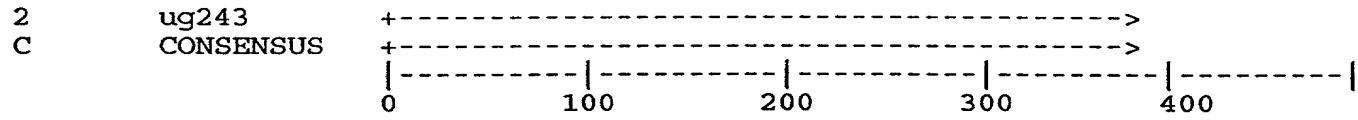
Contig: ug241



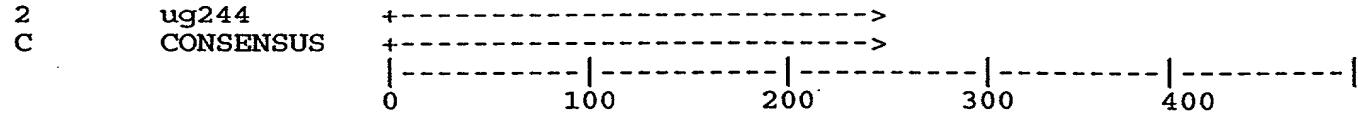
Contig: ug242



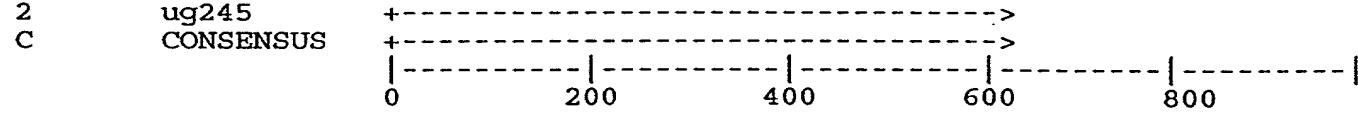
Contig: ug243



Contig: ug244

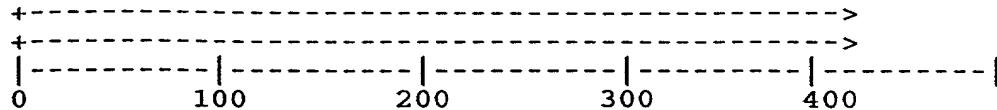


Contig: ug245



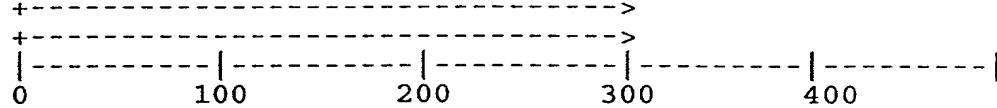
Contig: ug246

2 ug246
C CONSENSUS



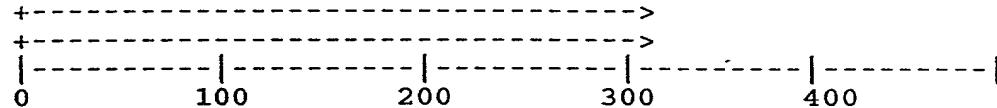
Contig: ug247

2 ug247
C CONSENSUS



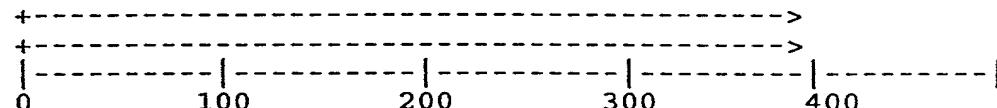
Contig: ug248

2 ug248
C CONSENSUS



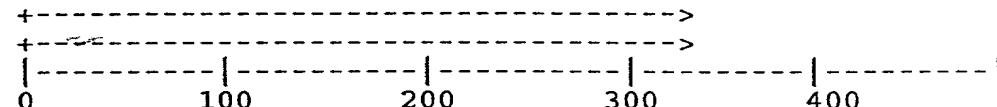
Contiq: ug249

2 ug249
C CONSENSUS



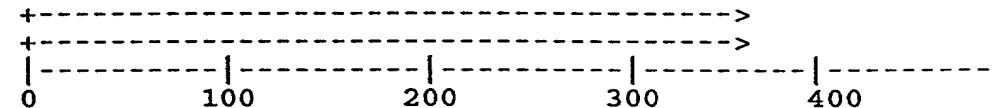
Contig: ug250

ug250
CONSENSUS



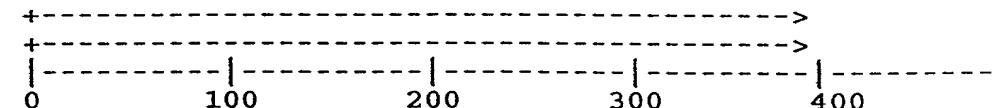
Contig: ug251

2 ug251
C CONSENSUS



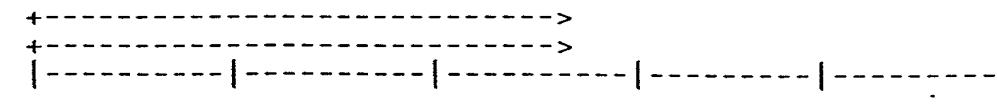
Contig: ug252

2 ug252
C CONSENSUS



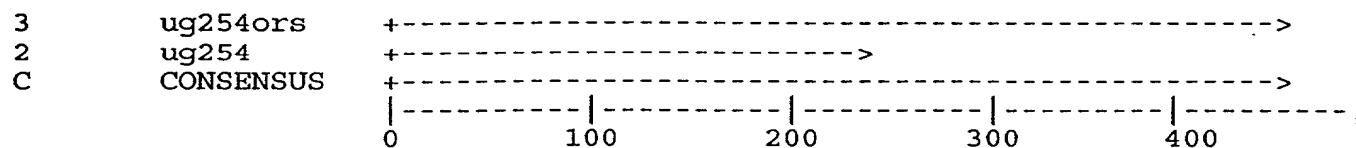
Contig: ug253

2 ug253
C CONSENSUS



0 200 400 600 800

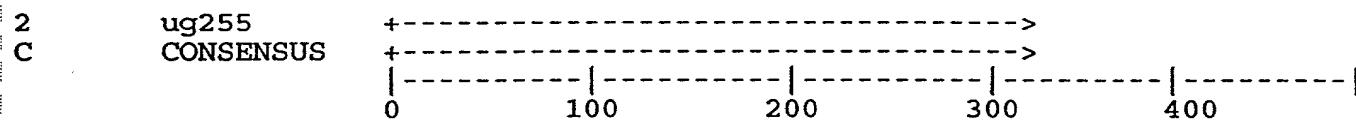
Contig: ug254



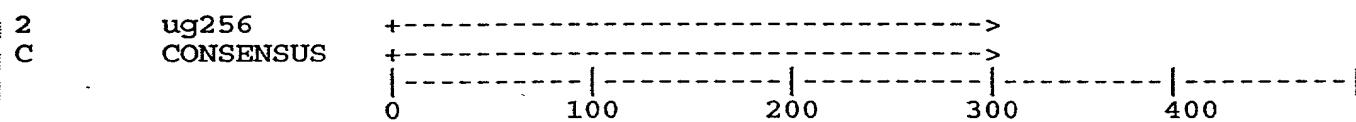
Contig: ug254f



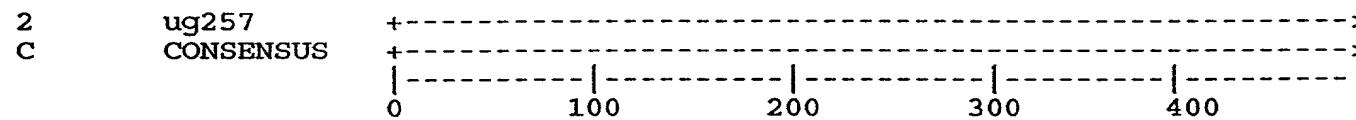
Contig: ug255



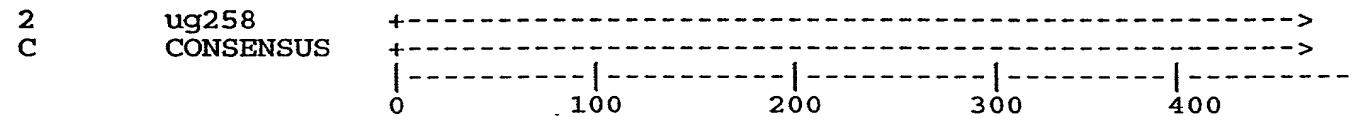
Contig: ug256



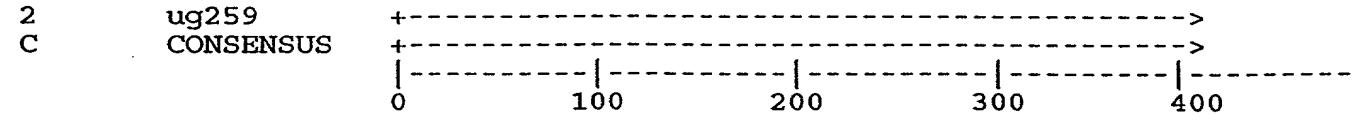
Contig: ug257



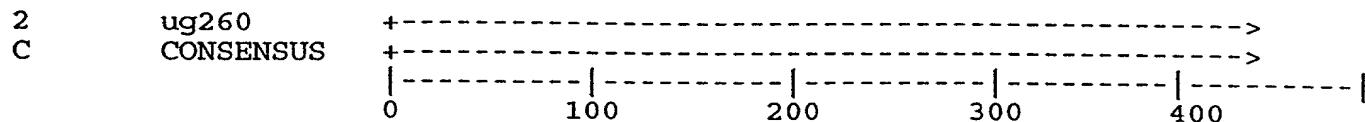
Contig: ug258



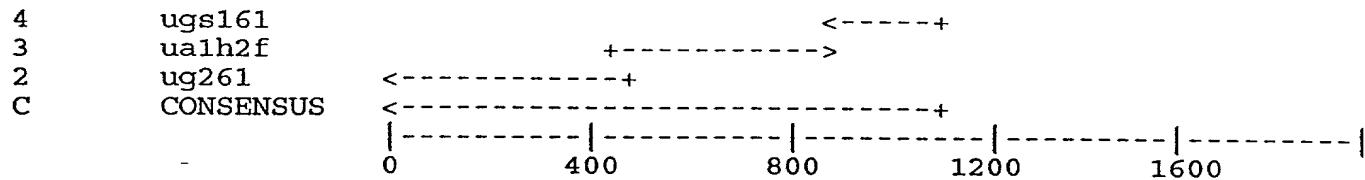
Contig: ug259



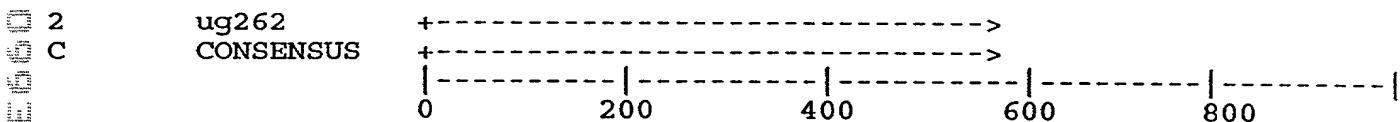
Contig: ug260



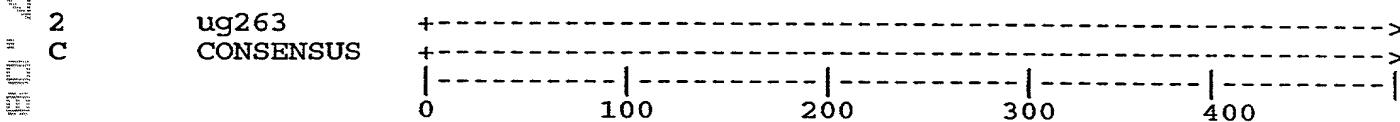
Contig: ug261



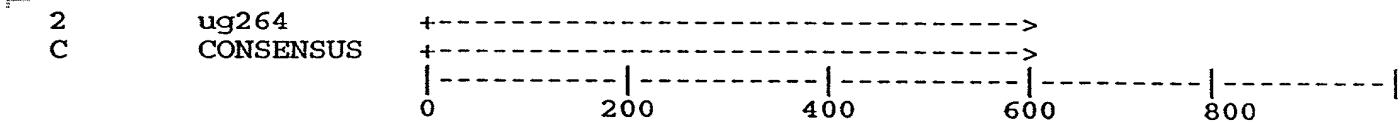
Contig: ug262



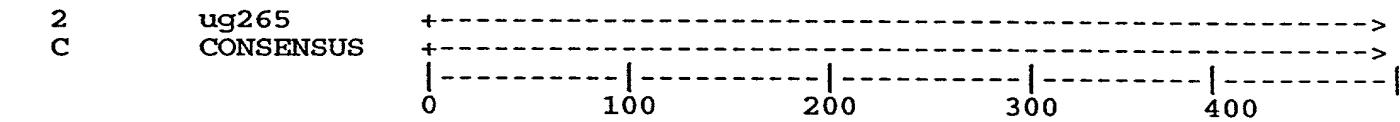
Contig: ug263



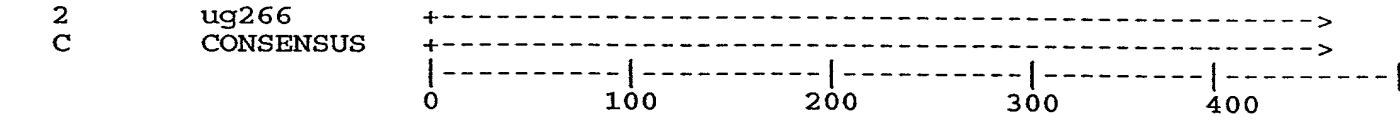
Contig: ug264



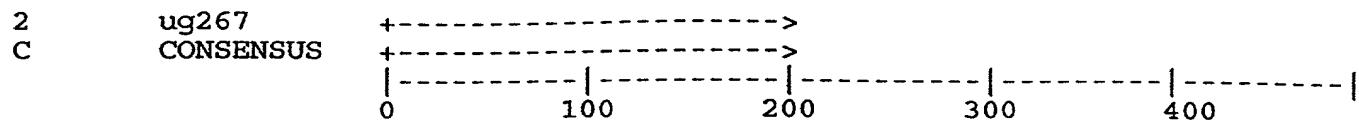
Contig: ug265



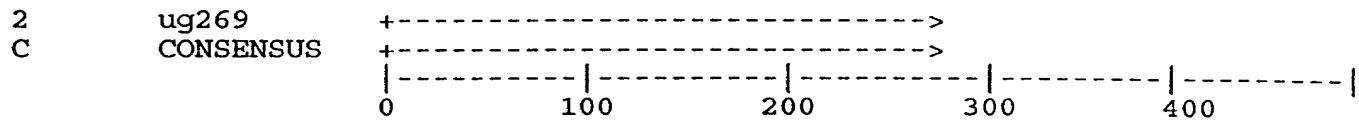
Contig: ug266



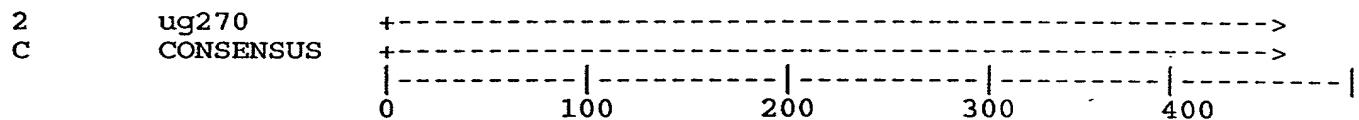
Contig: ug267



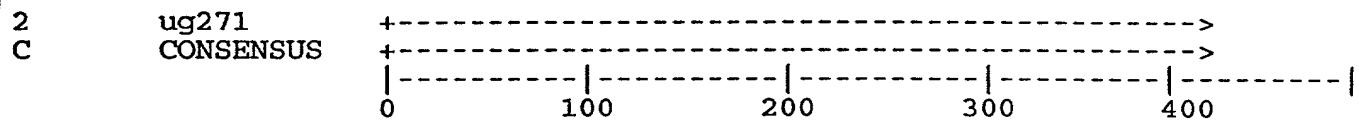
Contig: ug269



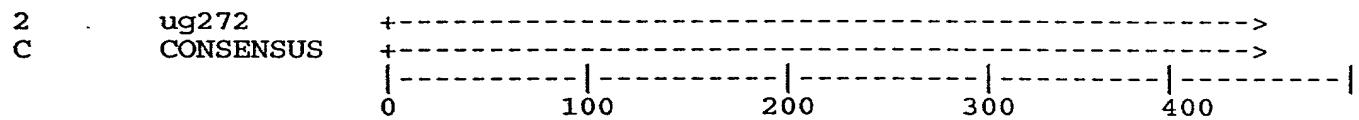
Contig: ug270



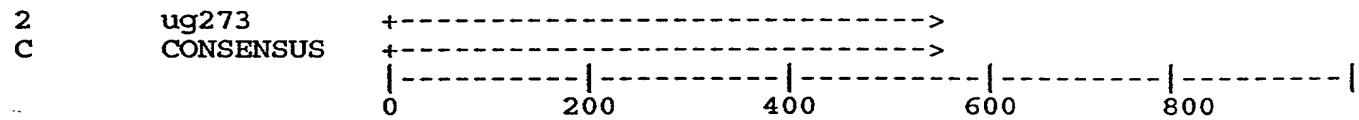
Contig: ug271



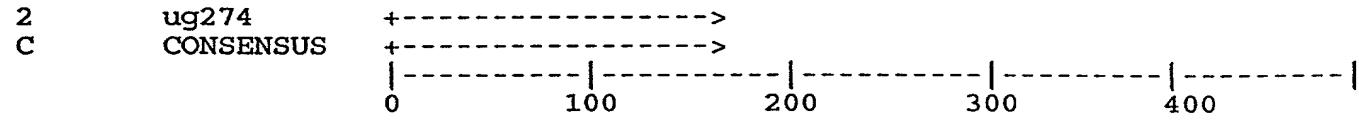
Contig: ug272



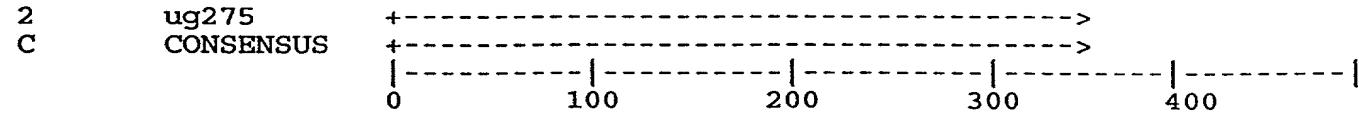
Contig: ug273



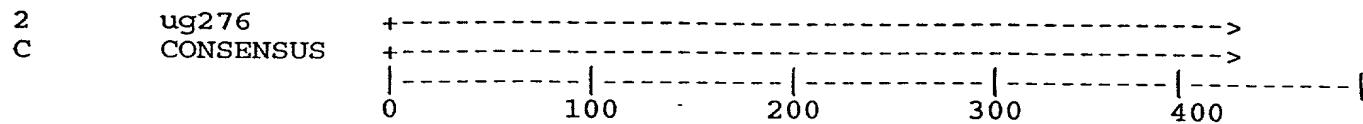
Contig: ug274



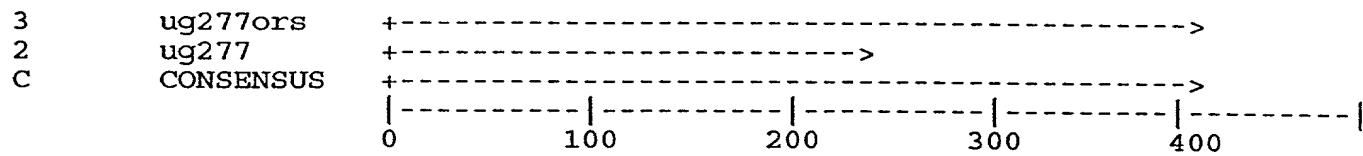
Contig: ug275



Contig: ug276



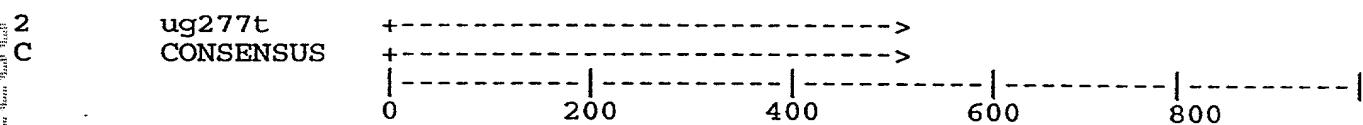
Contig: ug277



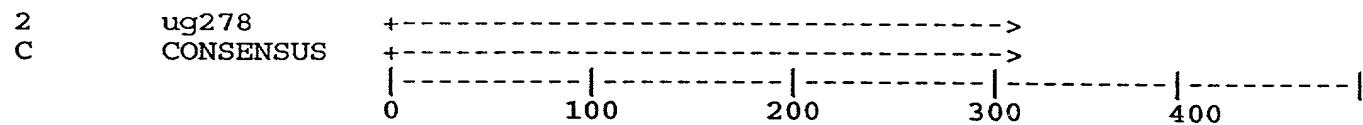
Contig: ug277f



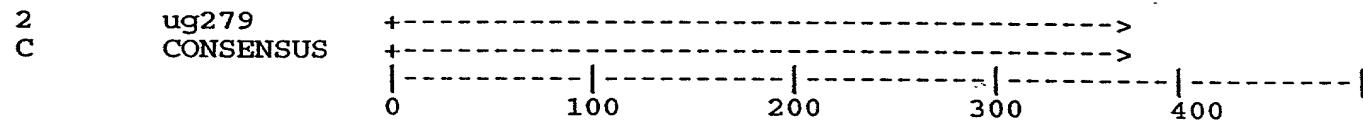
Contig: ug277t



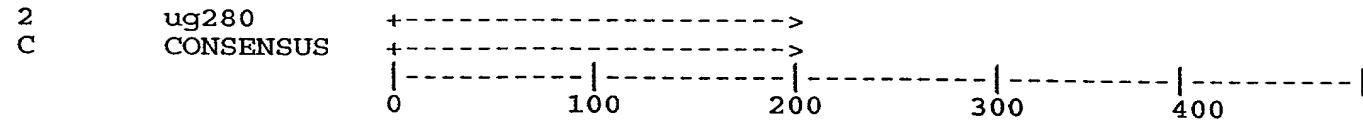
Contig: ug278



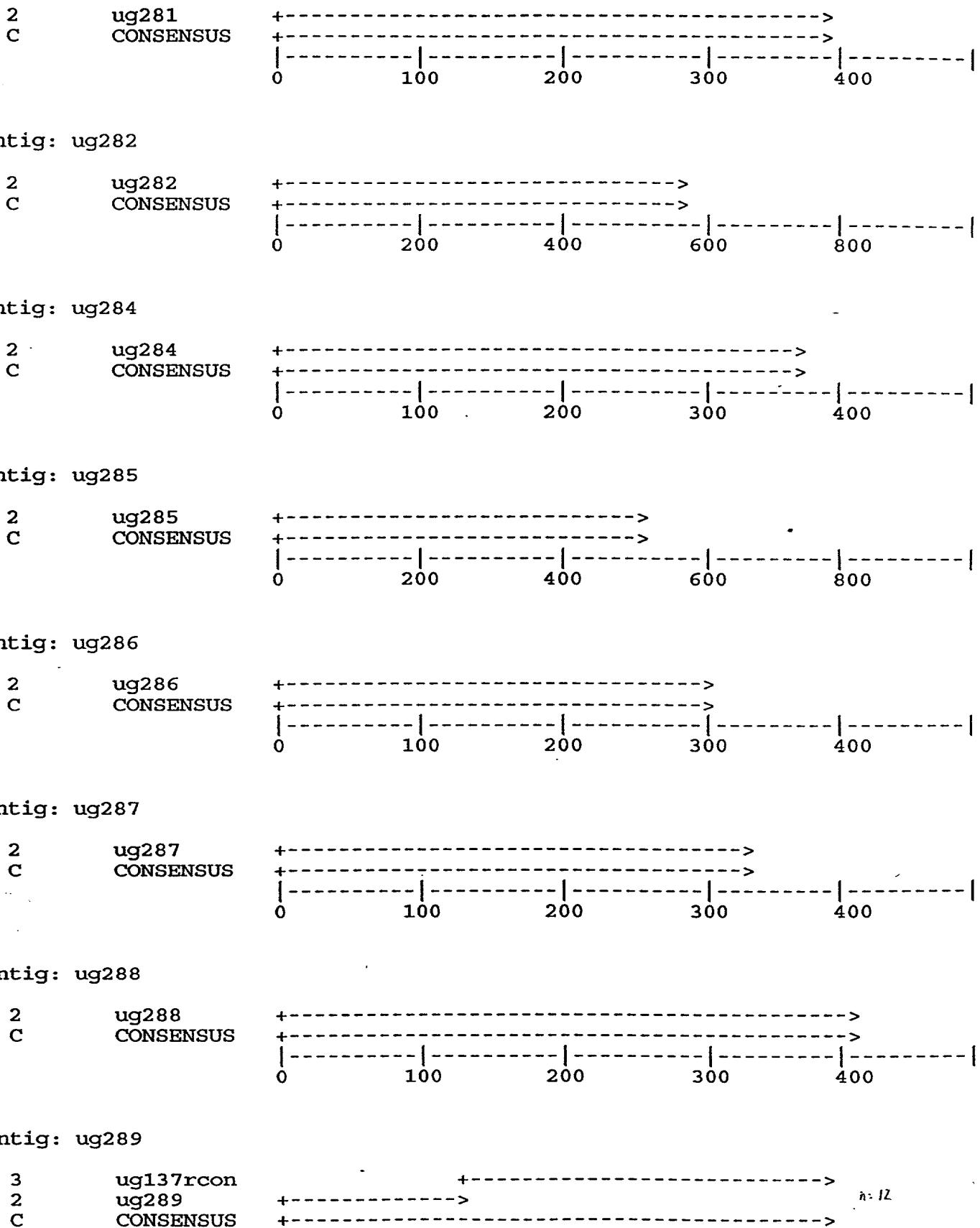
Contig: ug279

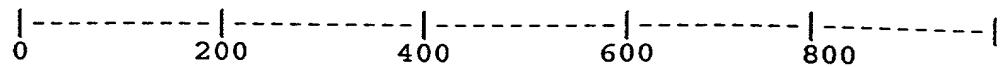


Contig: ug280



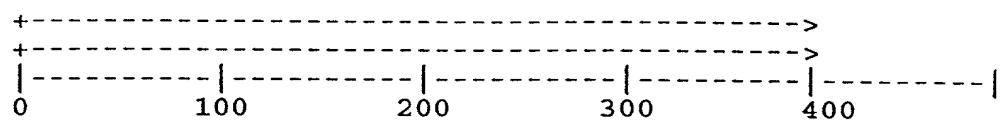
Contig: ug281





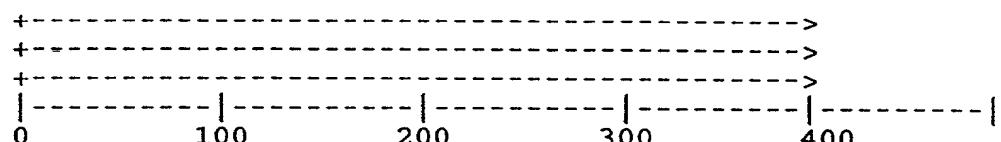
Contig: ug290

2 ug290
C CONSENSUS



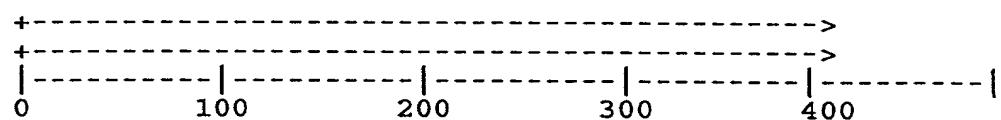
Contig: ug291

3 ug291ors
2 ug291
C CONSENSUS



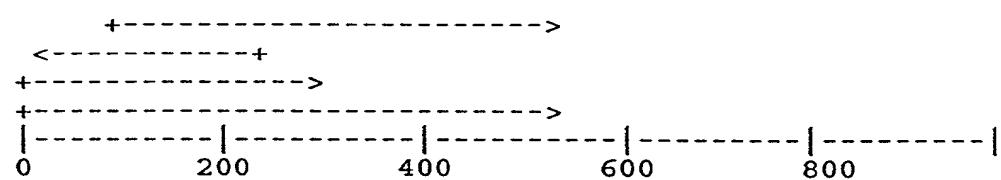
Contig: ug291ft

2 ug291ft
C CONSENSUS



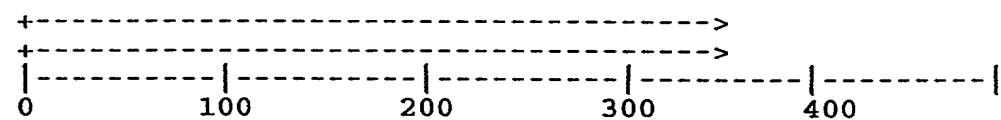
Contig: ug292

4 ug056
3 ugs120
2 ug292
C CONSENSUS



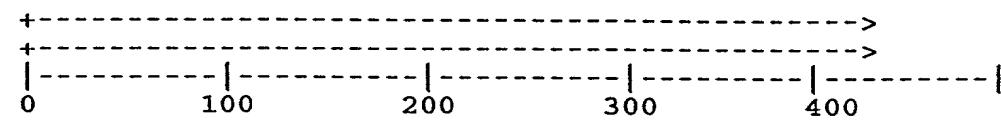
Contig: ug293

2 ug293
C CONSENSUS



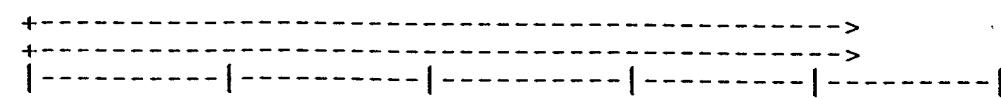
Contig: ug294

2 ug294
C CONSENSUS



Contig: ug295

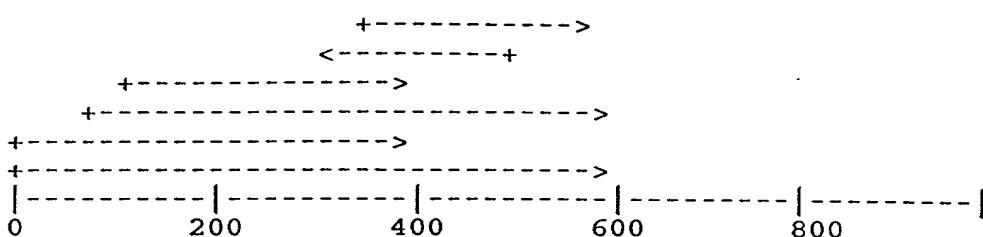
2 ug295
C CONSENSUS



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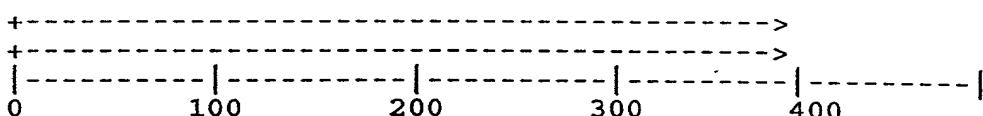
Contig: ug296

6 ug103rcon
5 ugs094
4 ug336
3 ug002rcon
2 ug296
C CONSENSUS



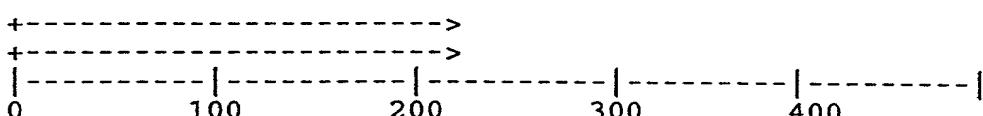
Contig: ug297

2 ug297
C CONSENSUS



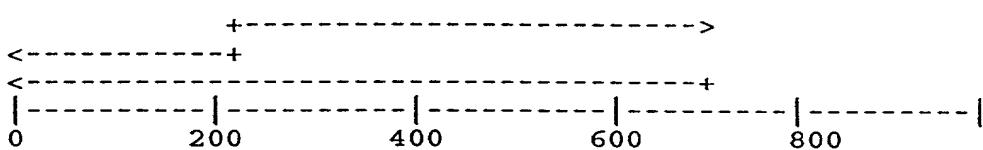
Contig: ug298

2 ug298
C CONSENSUS



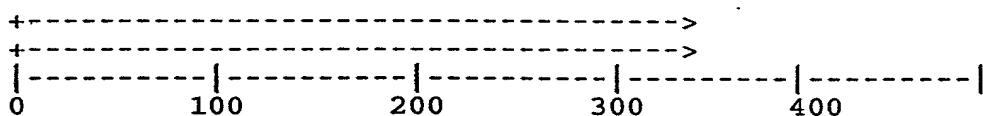
Contig: ug299

3 ua2h6f
2 ug299
C CONSENSUS



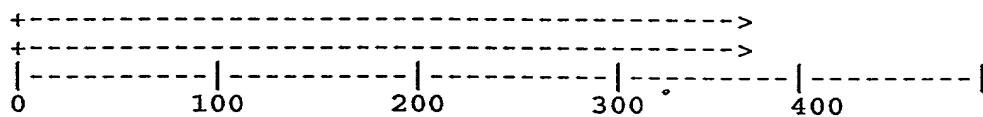
Contig: ug300

2 ug300
C CONSENSUS



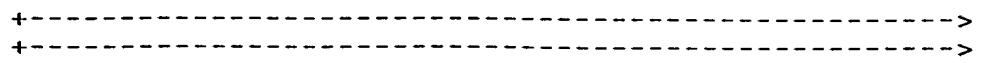
Contig: ug301

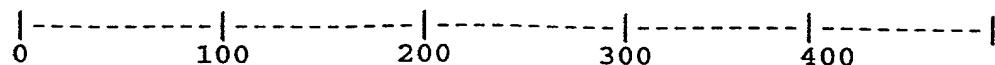
2 ug301
C CONSENSUS



Contig: ug303

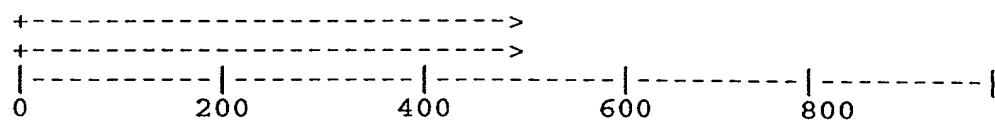
2 ug303
C CONSENSUS





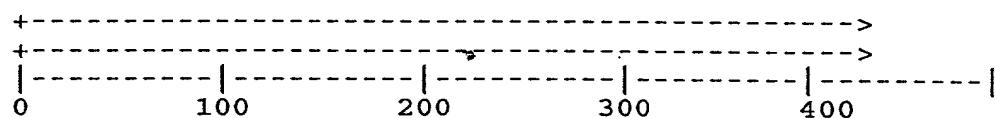
Contig: ug304

2 ug304
C CONSENSUS



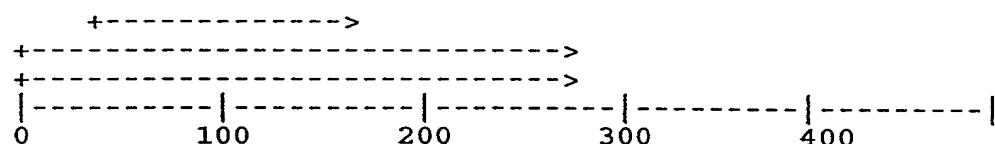
Contig: ug305

2 ug305
C CONSENSUS



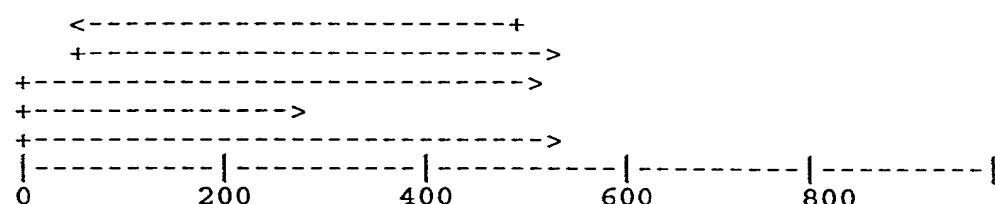
Contig: ug306

3 ug474
2 ug306
C CONSENSUS



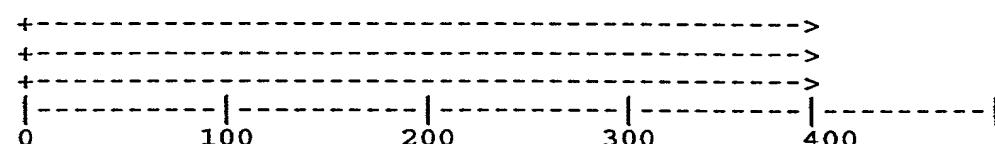
Contig: ug307

5 ug308t
4 ug326
3 ug307cons
2 ug307
C CONSENSUS



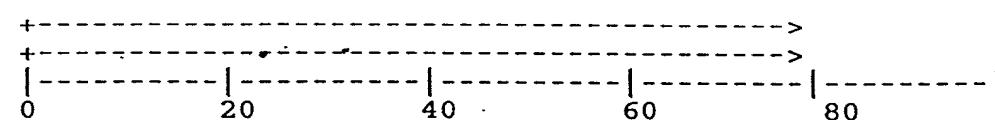
Contig: ug308

3 ug308o
2 ug308
C CONSENSUS



Contig: ug308f

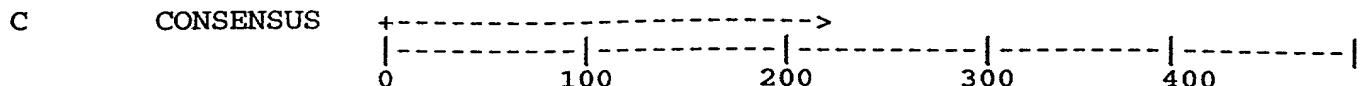
2 ug308f
C CONSENSUS



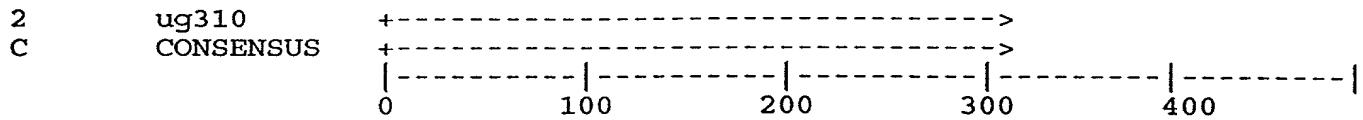
Contig: ug309

2 ug309

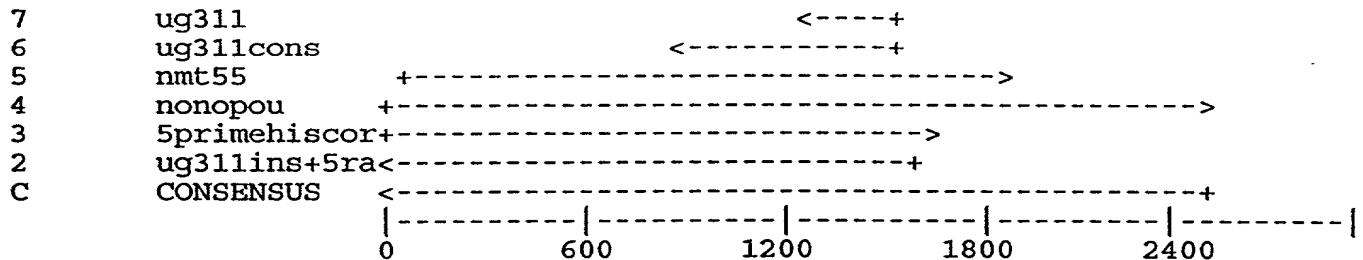




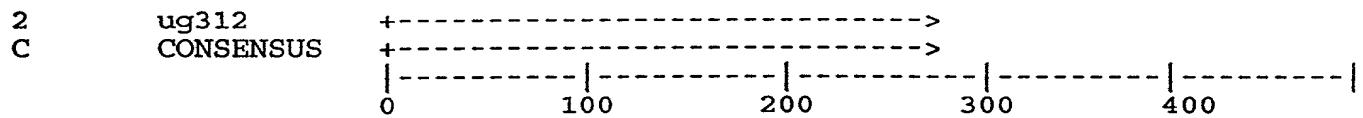
Contig: ug310



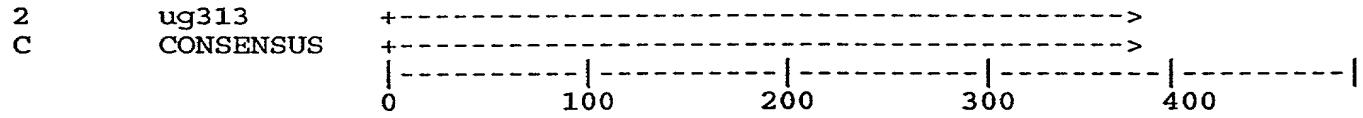
Contig: ug311ins+5race



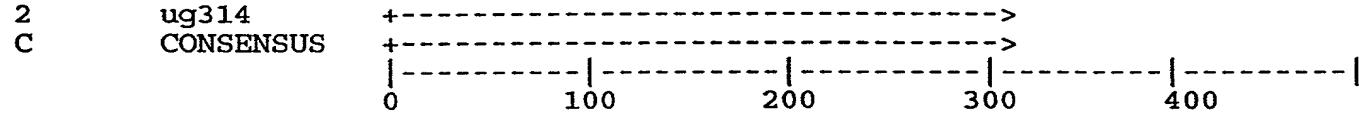
Contig: ug312



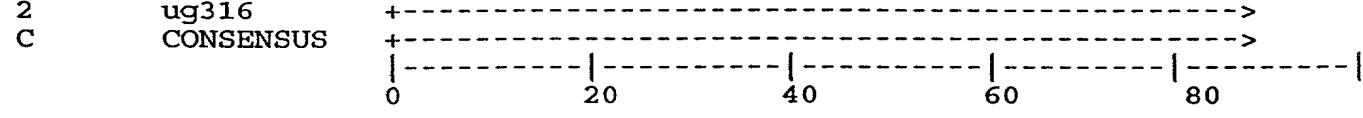
Contig: ug313



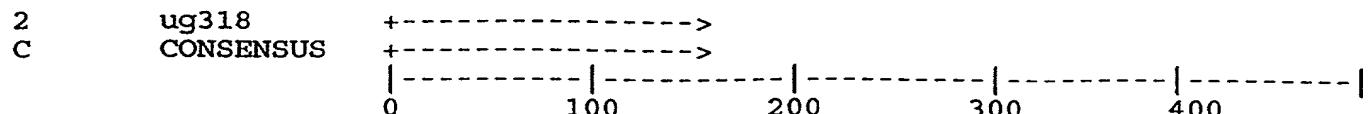
Contig: ug314



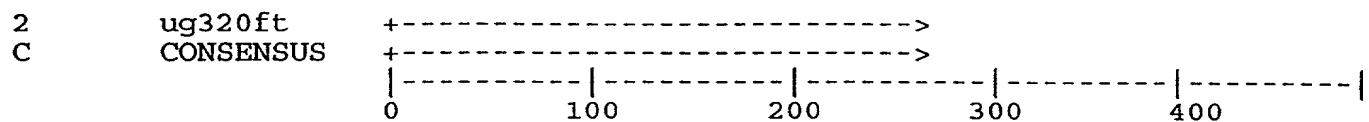
Contig: ug316



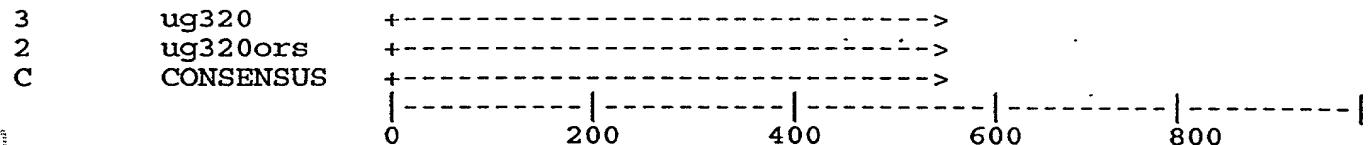
Contig: ug318



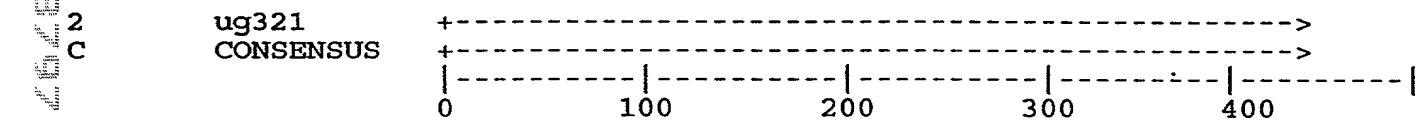
Contig: ug320ft



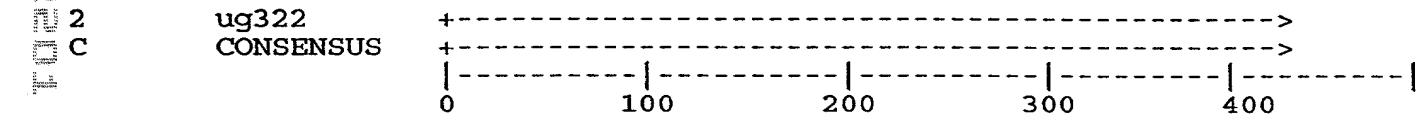
Contig: ug320ors



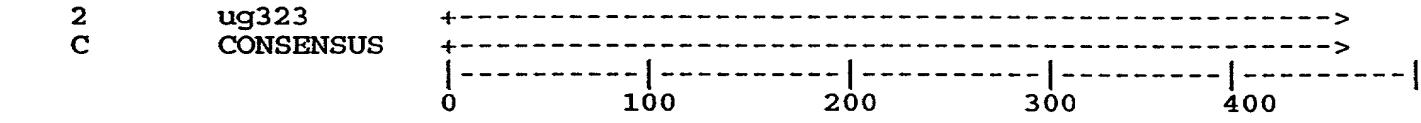
Contig: ug321



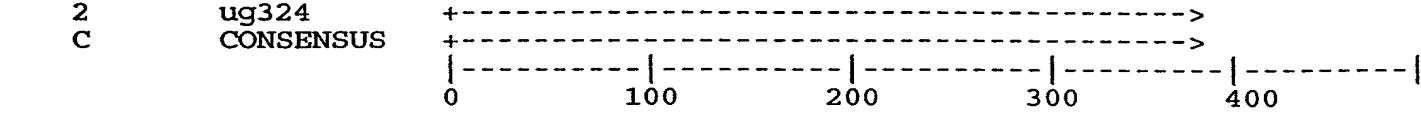
Contig: ug322



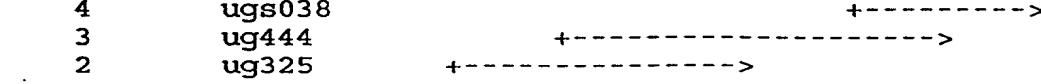
Contig: ug323

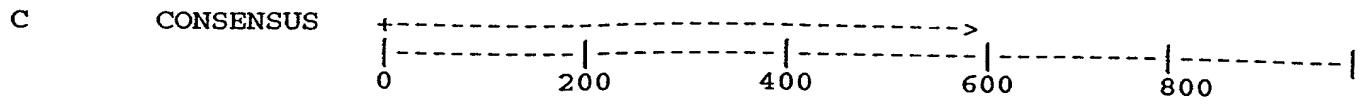


Contig: ug324

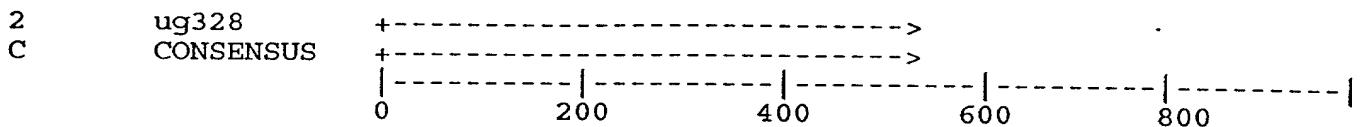


Contig: ug325

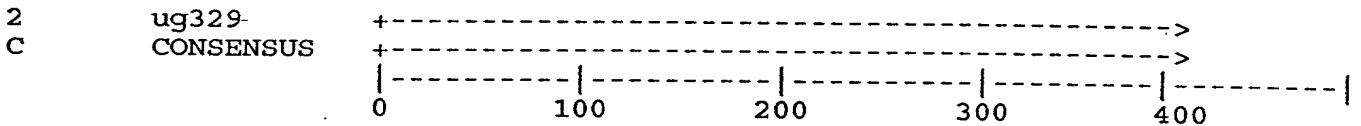




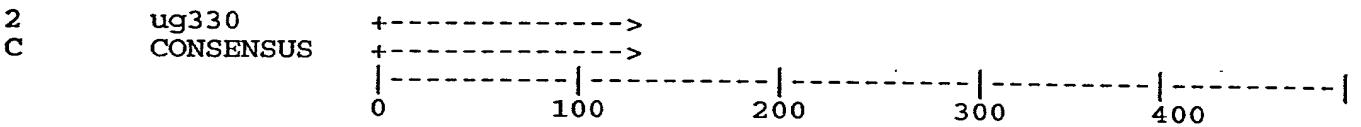
Contig: ug328



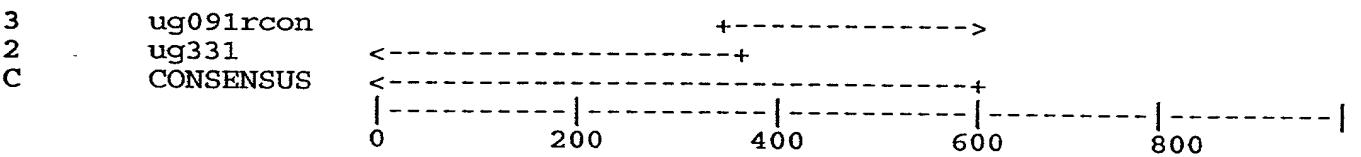
Contig: ug329



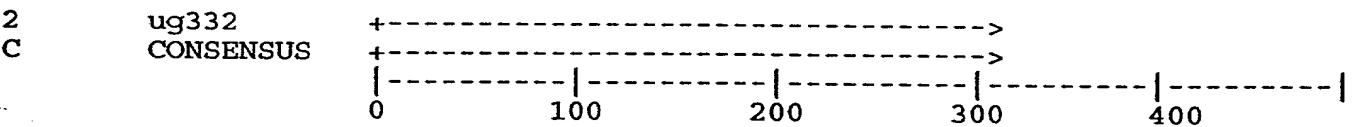
Contig: ug330



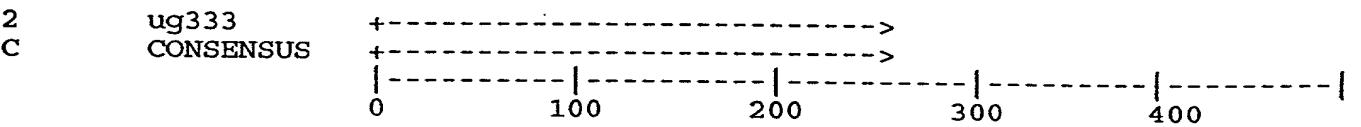
Contig: ug331



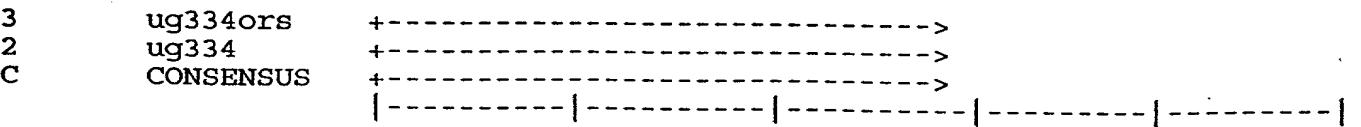
Contig: ug332



Contig: ug333

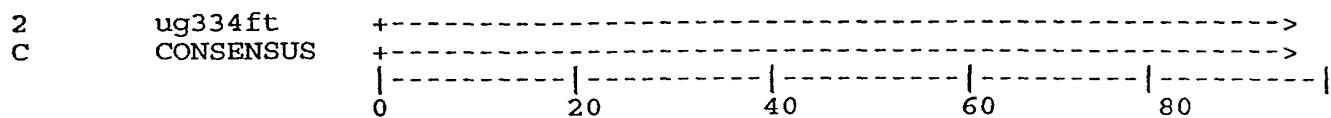


Contig: ug334

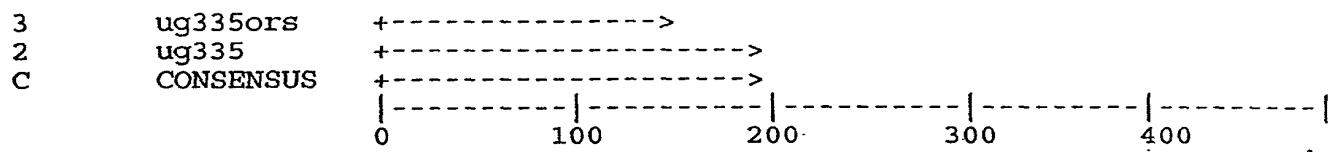


0 200 400 600 800

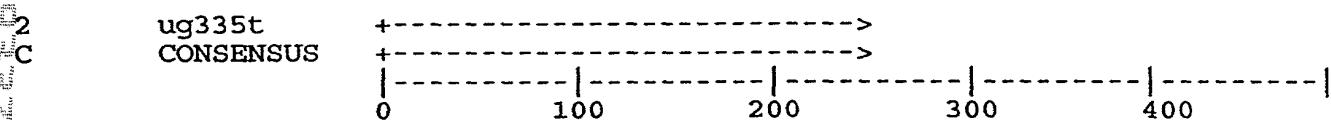
Contig: ug334ft



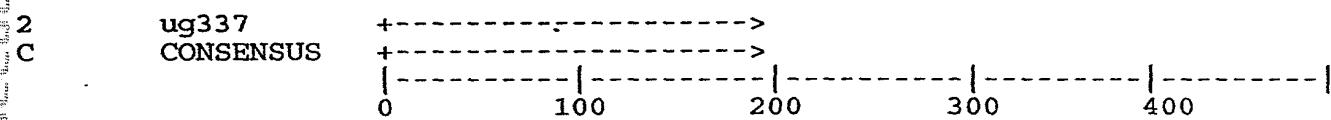
Contig: ug335



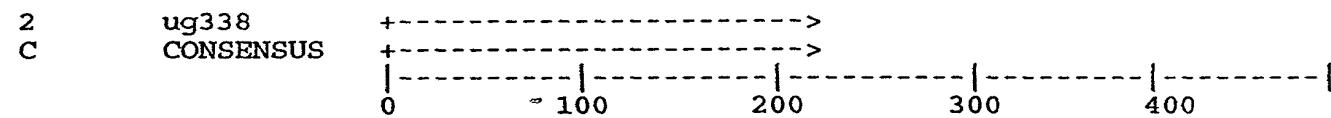
Contig: ug335t



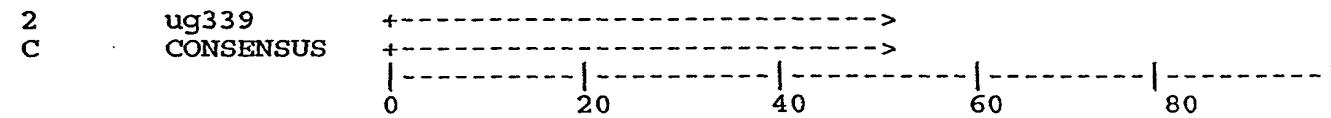
Contig: ug337



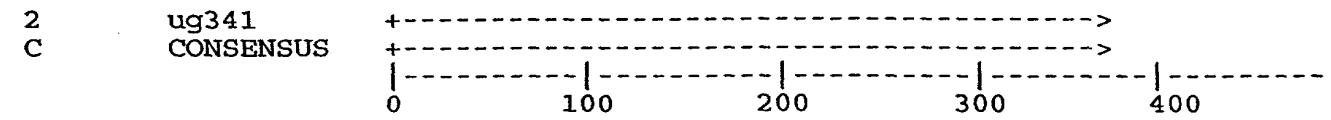
Contig: ug338



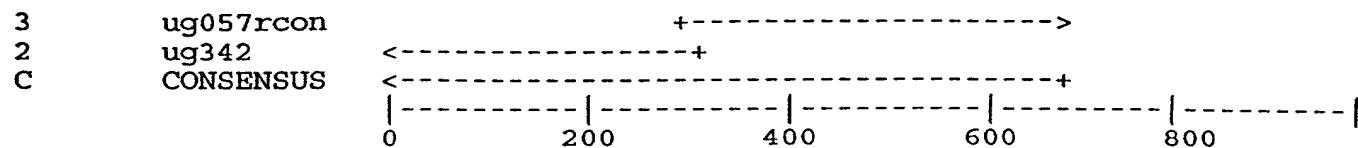
Contig: ug339



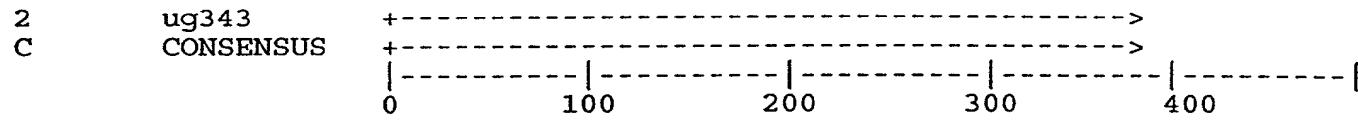
Contig: ug341



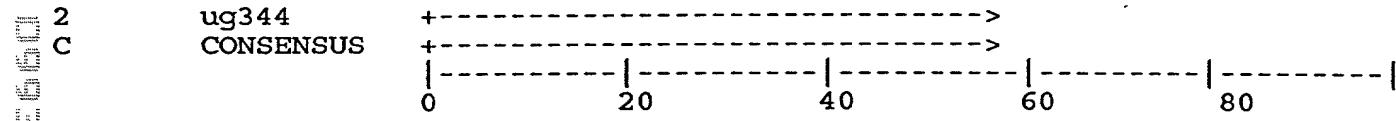
Contig: ug342



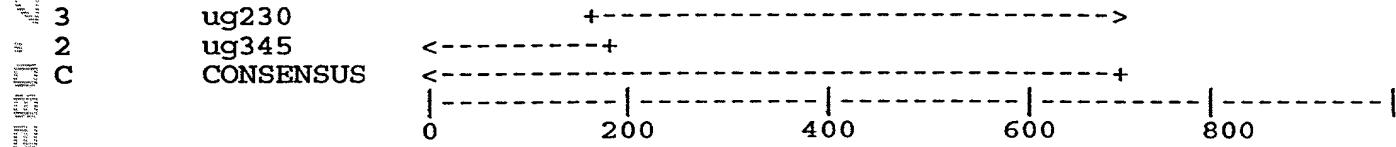
Contig: ug343



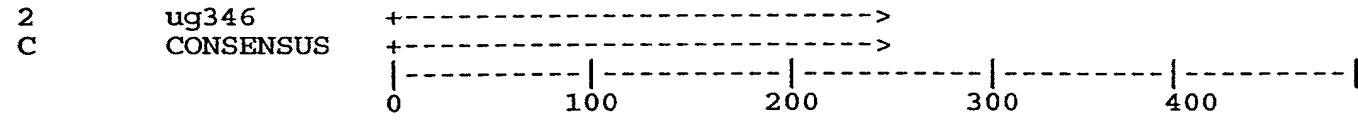
Contig: ug344



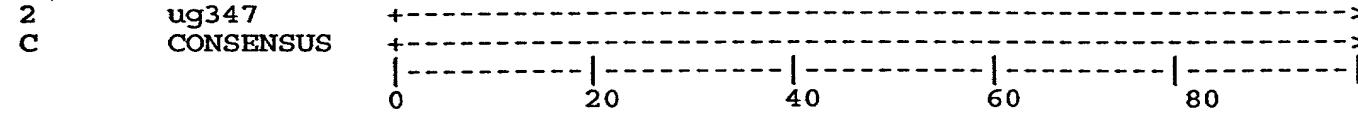
Contig: ug345



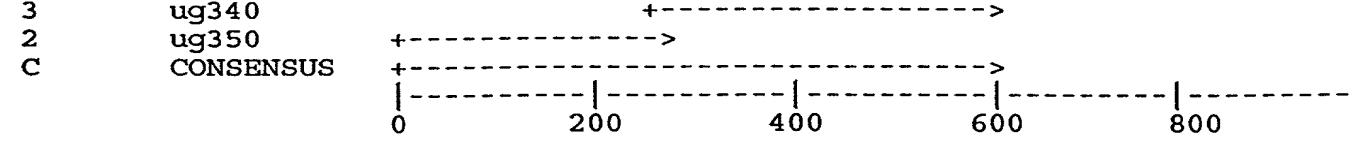
Contig: ug346



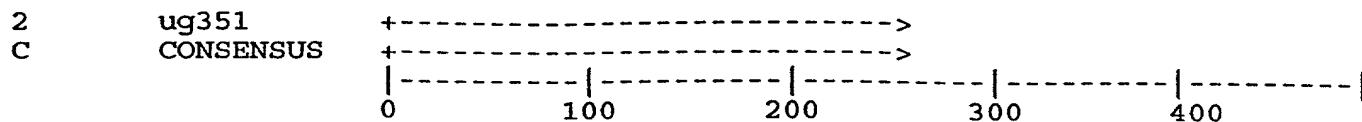
Contig: ug347



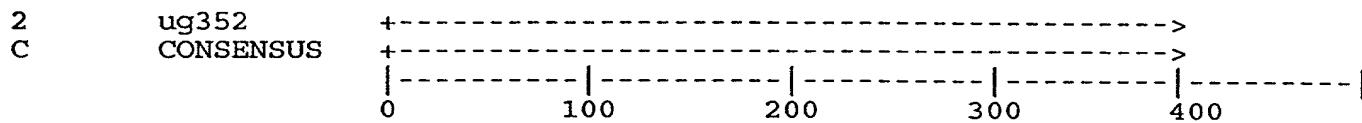
Contig: ug350



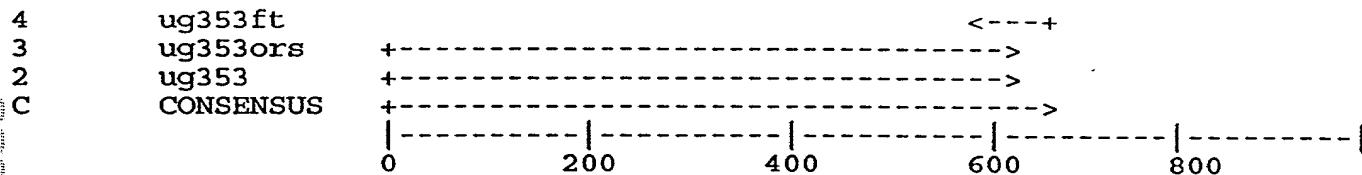
Contig: ug351



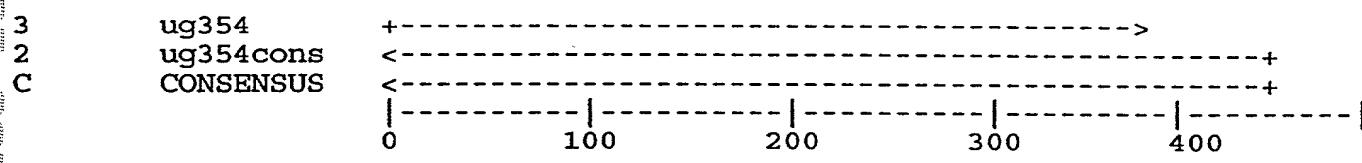
Contig: ug352



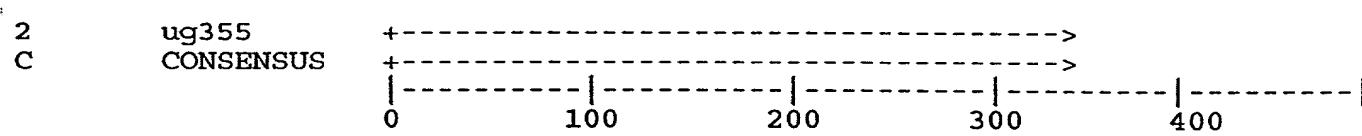
Contig: ug353



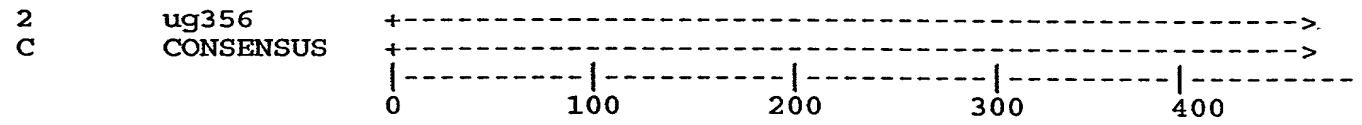
Contig: ug354cons



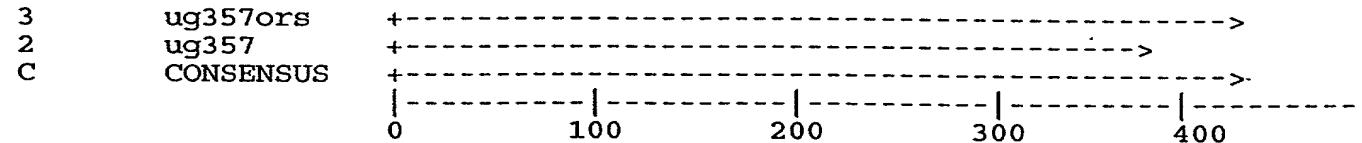
Contig: ug355



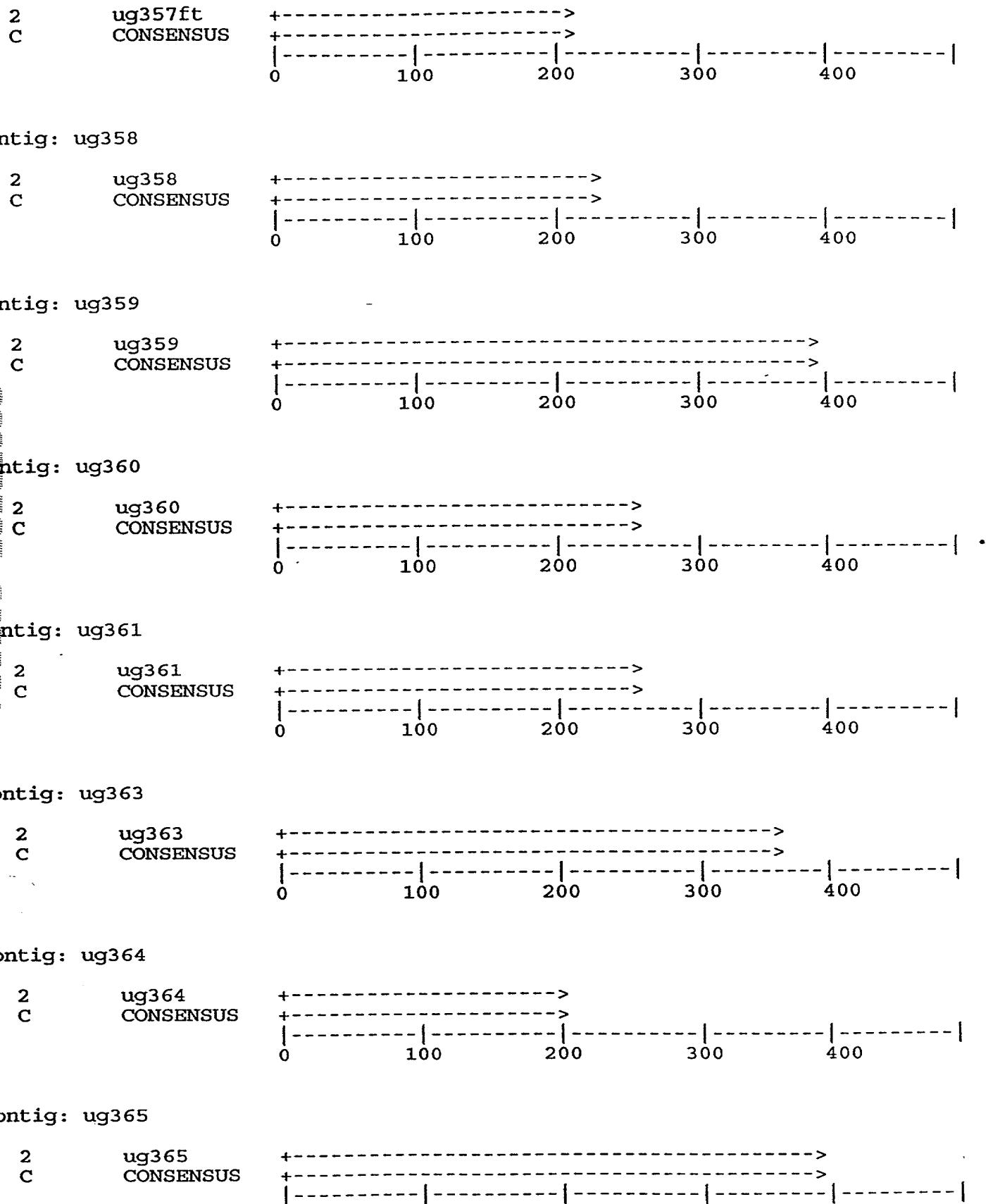
Contig: ug356



Contig: ug357

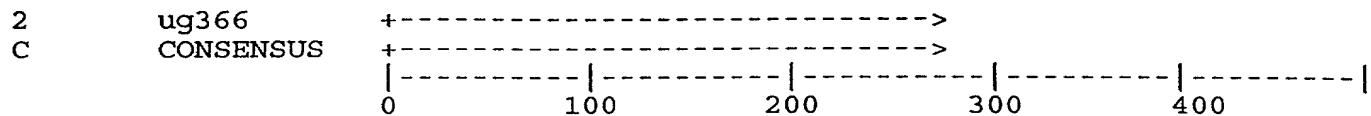


Contig: ug357ft

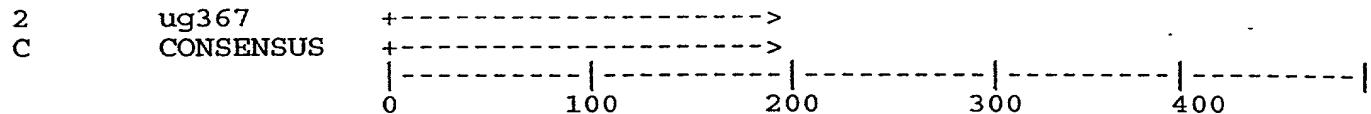


0 100 200 300 400

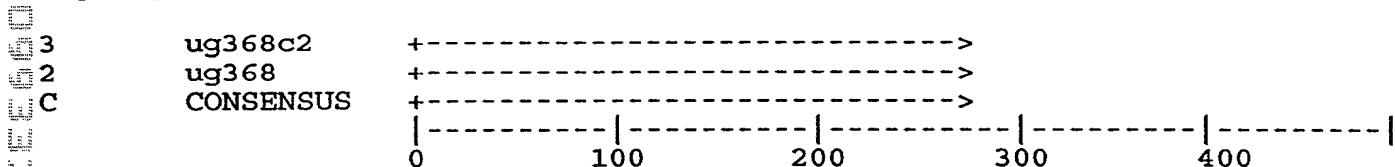
Contig: ug366



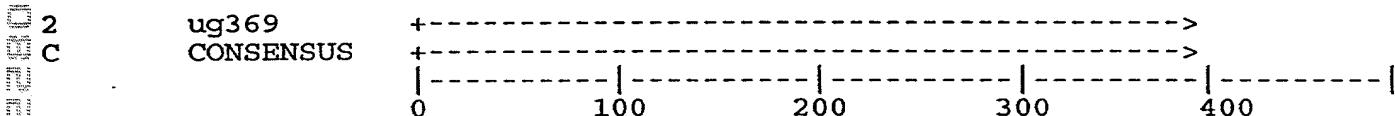
Contig: ug367



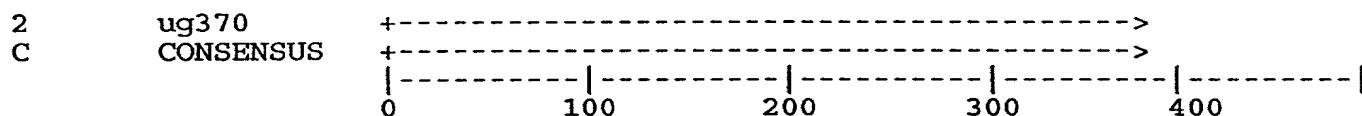
Contig: ug368



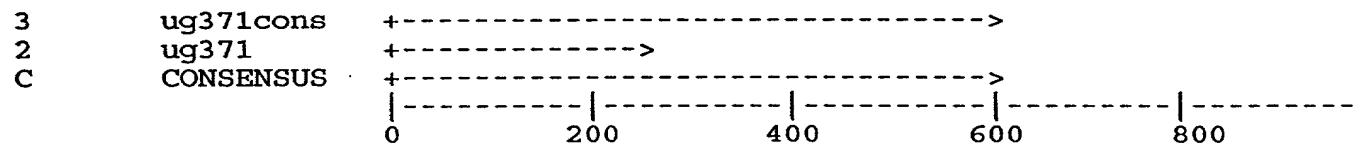
Contig: ug369



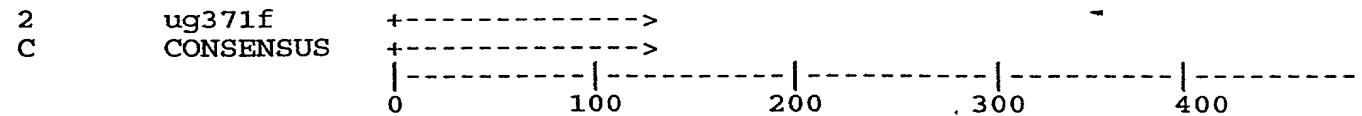
Contig: ug370



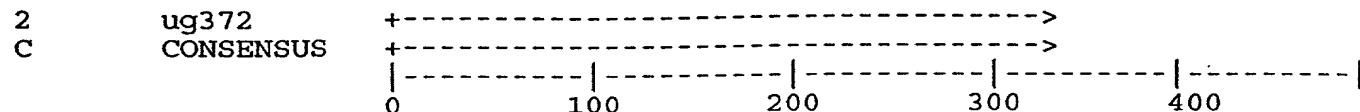
Contig: ug371



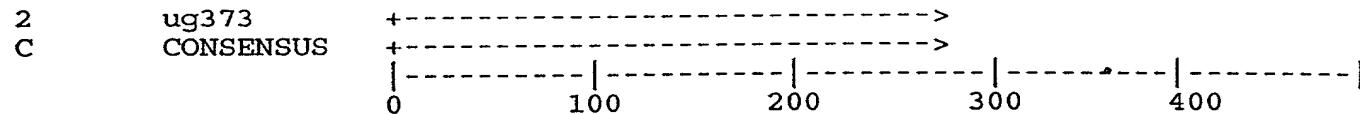
Contig: ug371f



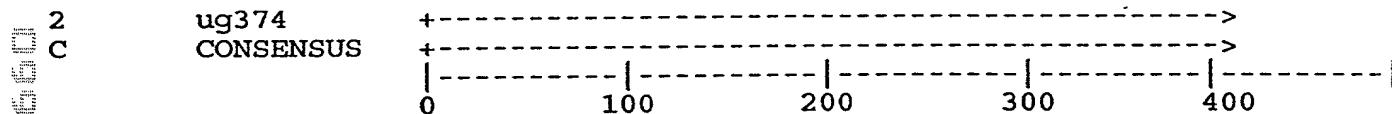
Contig: ug372



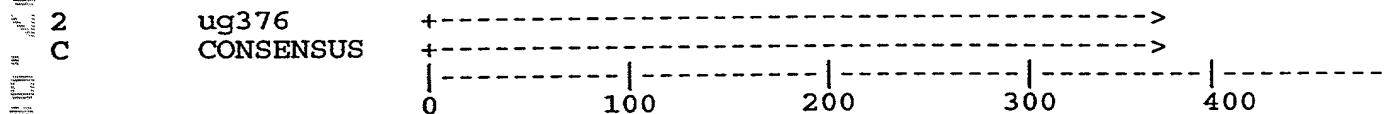
Contig: ug373



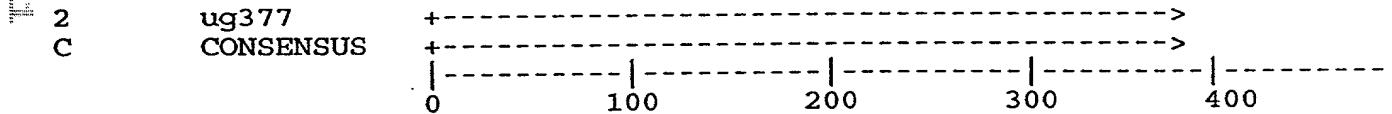
Contig: ug374



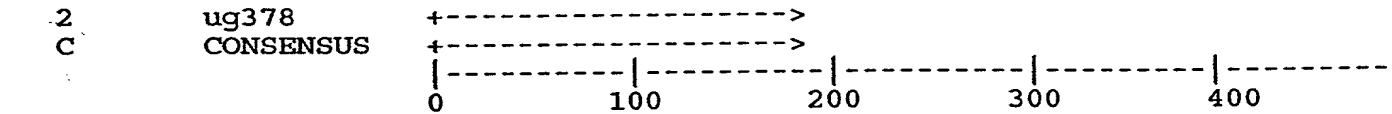
Contig: ug376



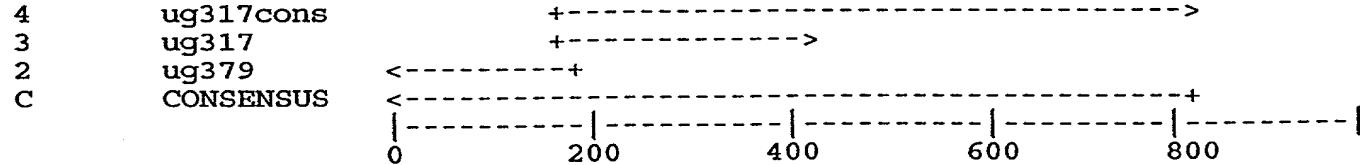
Contig: ug377



Contig: ug378

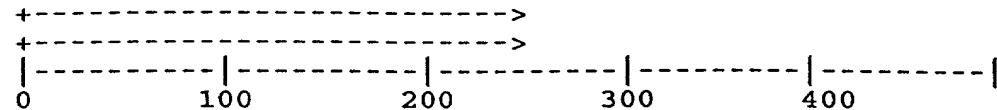


Contig: ug379



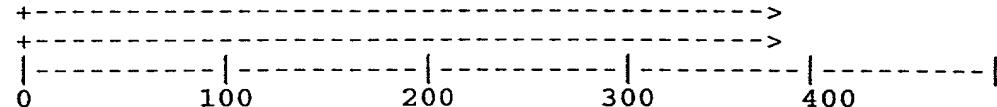
Contig: ug380

2 ug380
C CONSENSUS



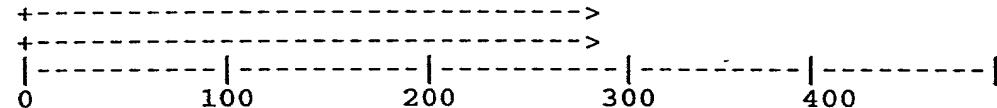
Contig: ug381

2 ug381
C CONSENSUS



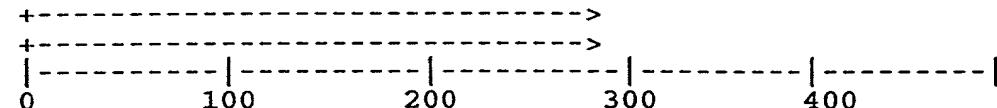
Contig: ug382

2 ug382
C CONSENSUS



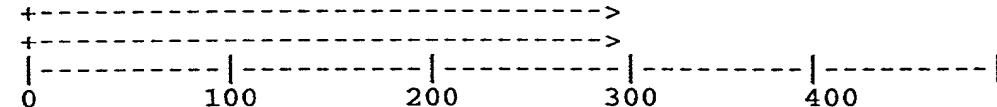
Contig: ug383

2 ug383
C CONSENSUS



Contig: ug384

2 ug384
C CONSENSUS



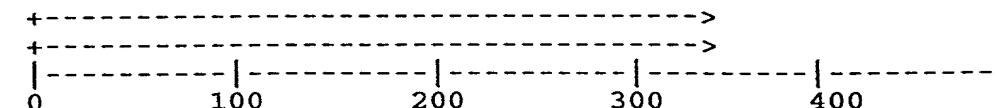
Contig: ug385

3 ug390
2 ug385
C CONSENSUS



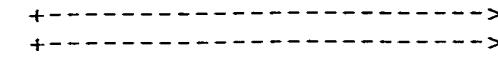
Contig: ug387

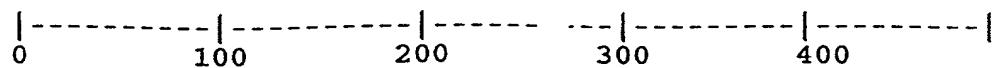
2 ug387
C CONSENSUS



Contig: ug388

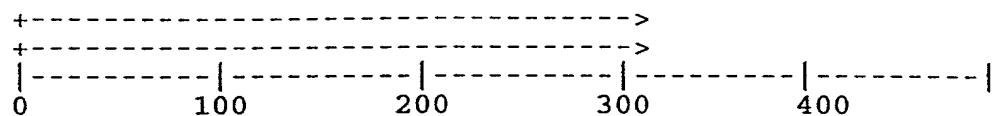
2 ug388
C CONSENSUS





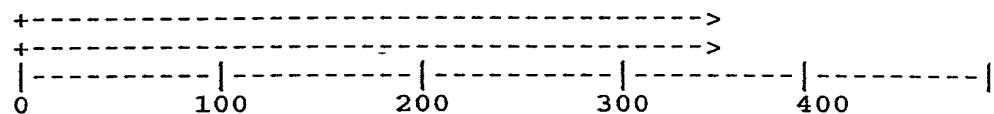
Contig: ug391

2 ug391
C CONSENSUS



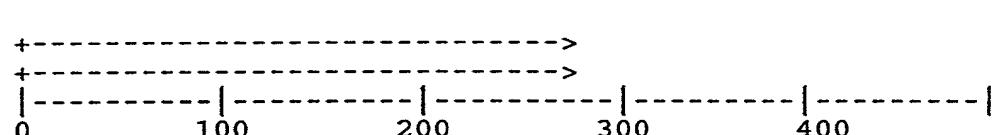
Contig: ug392

2 ug392
C CONSENSUS



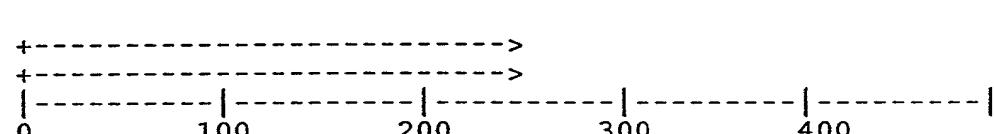
Contig: ug393

2 ug393
C CONSENSUS



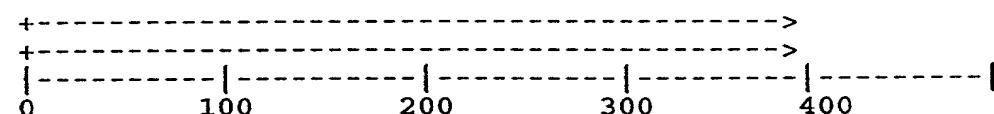
Contig: ug394

2 ug394
C CONSENSUS



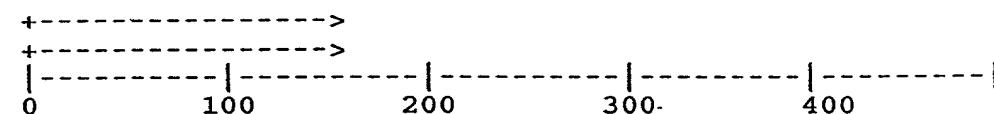
Contig: ug395

2 ug395
C CONSENSUS



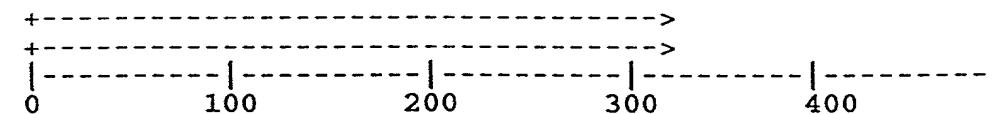
Contig: ug396

2 ug396
C CONSENSUS

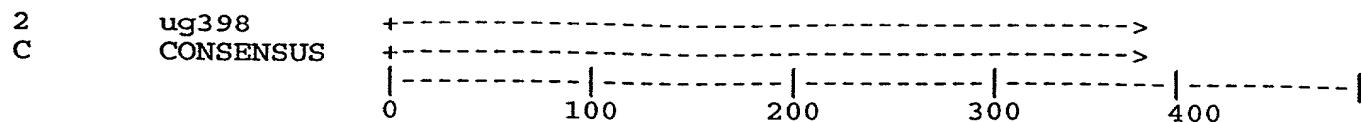


Contig: ug397

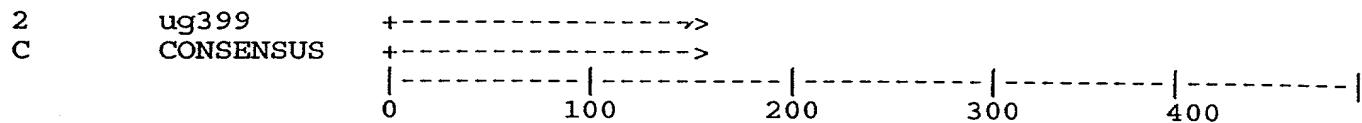
2 ug397
C CONSENSUS



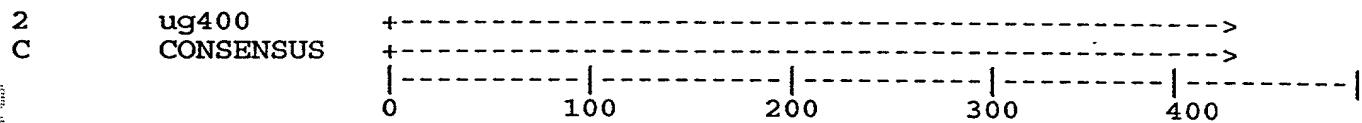
Contig: ug398



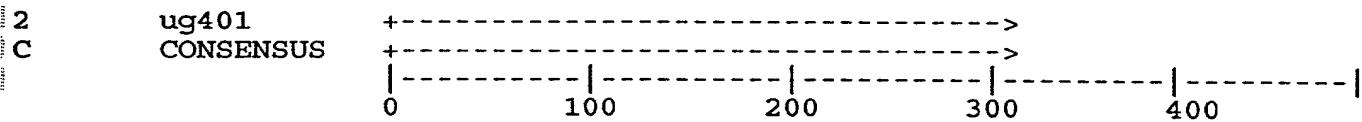
Contig: ug399



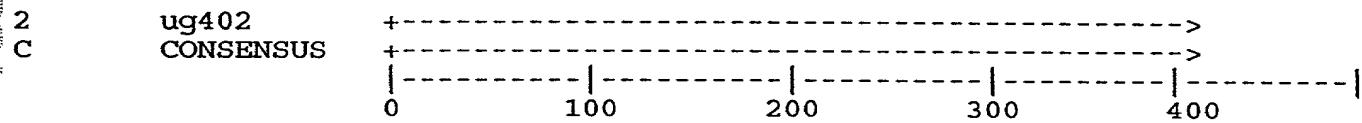
Contig: ug400



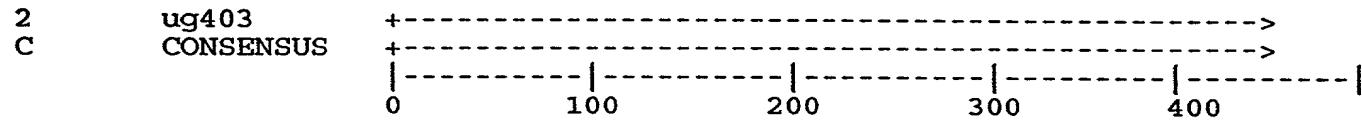
Contig: ug401



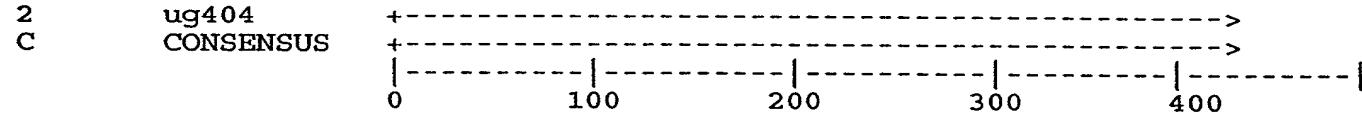
Contig: ug402



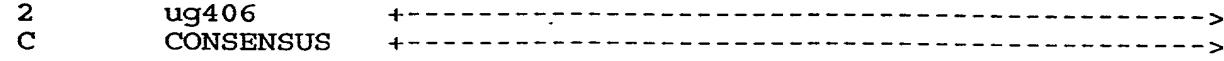
Contig: ug403

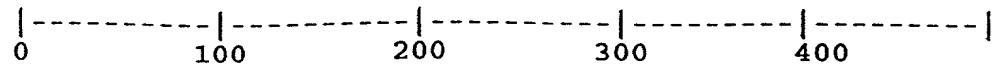


Contig: ug404



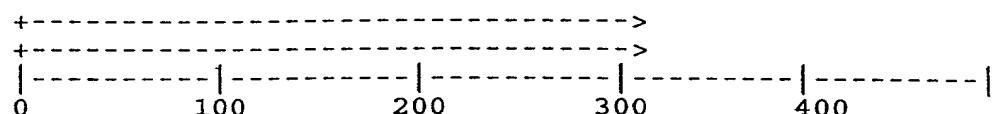
Contig: ug406





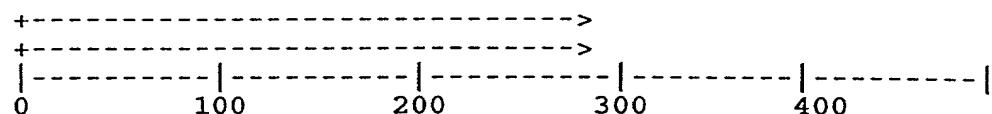
Contig: ug407

2 ug407
C CONSENSUS



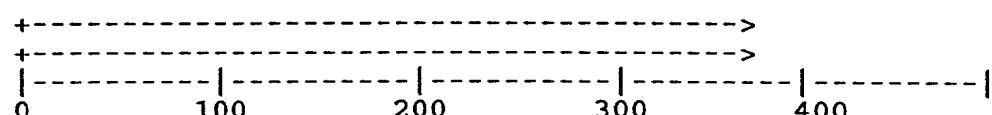
Contig: ug408

2 ug408
C CONSENSUS



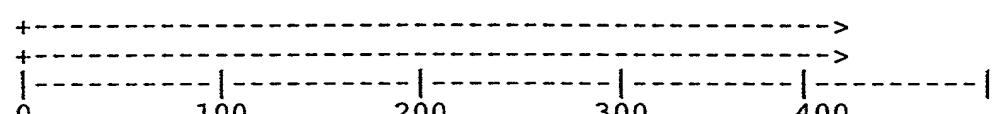
Contig: ug412

2 ug412
C CONSENSUS



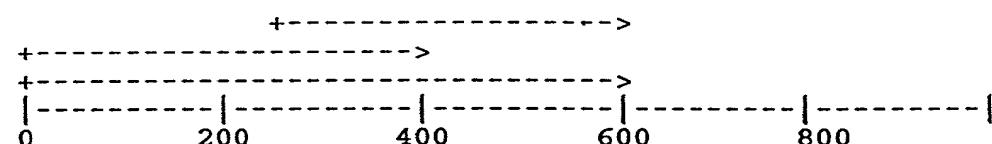
Contig: ug413

2 ug413
C CONSENSUS



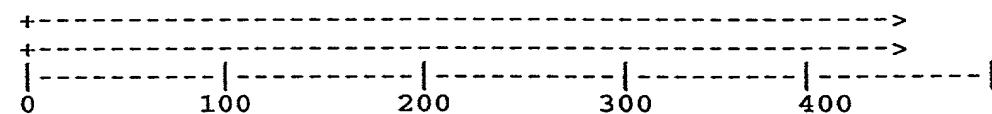
Contig: ug414

3 ug222
2 ug414
C CONSENSUS



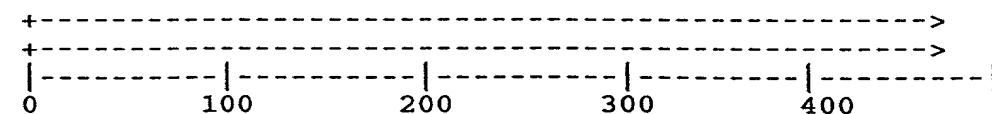
Contig: ug415

2 ug415
C CONSENSUS

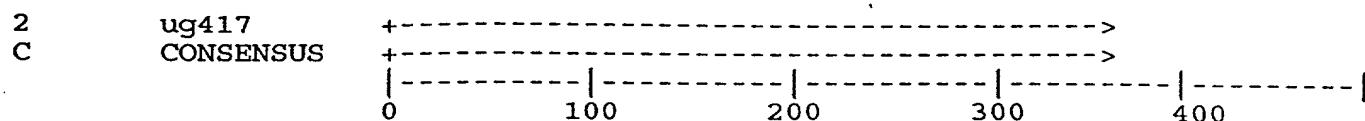


Contig: ug416

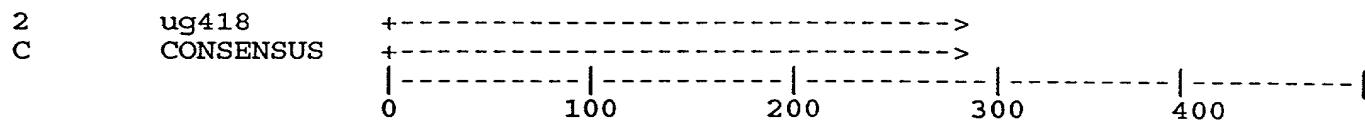
2 ug416
C CONSENSUS



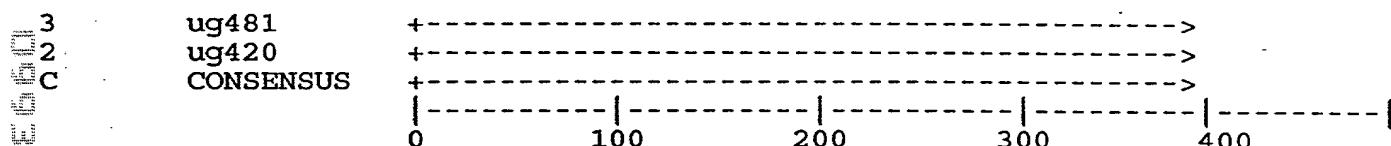
Contig: ug417



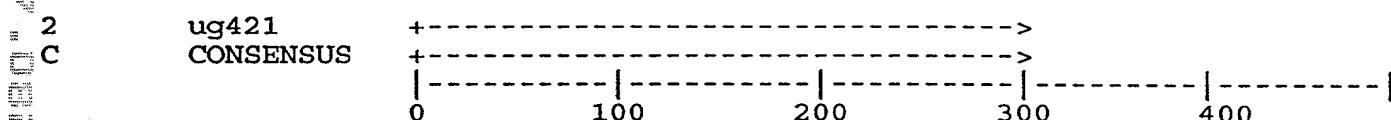
Contig: ug418



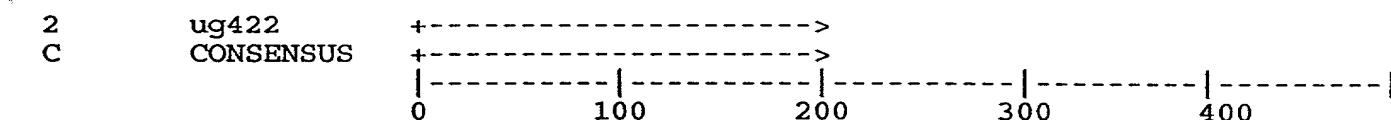
Contig: ug420



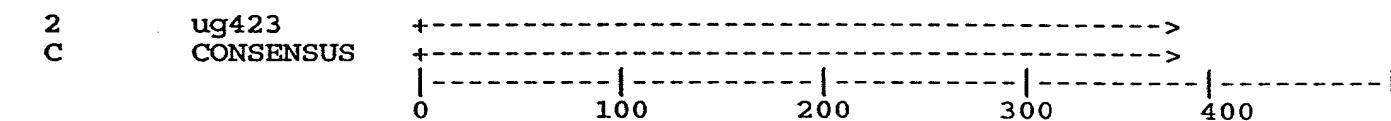
Contig: ug421



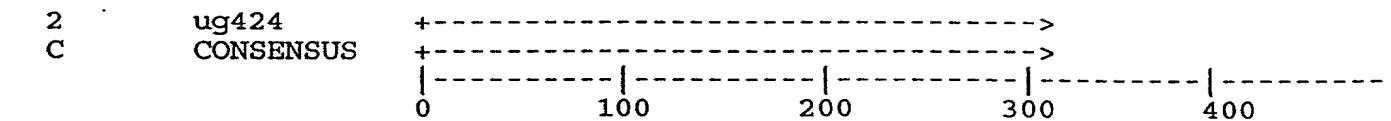
Contig: ug422



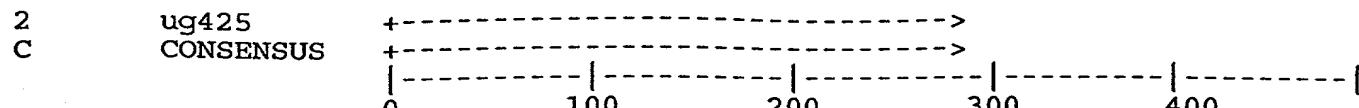
Contig: ug423



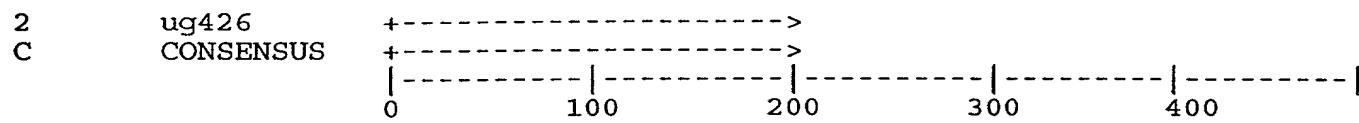
Contig: ug424



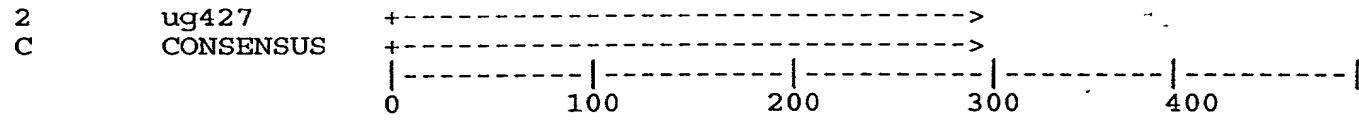
Contig: ug425



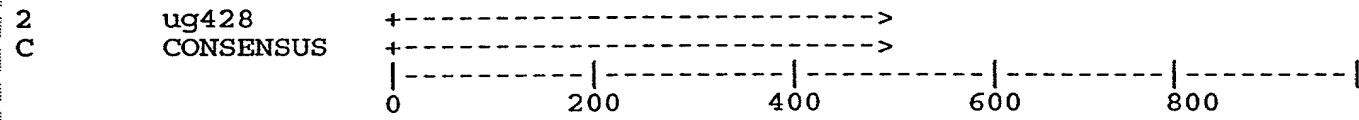
Contig: ug426



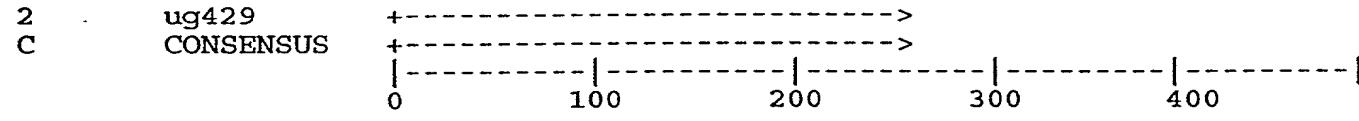
Contig: ug427



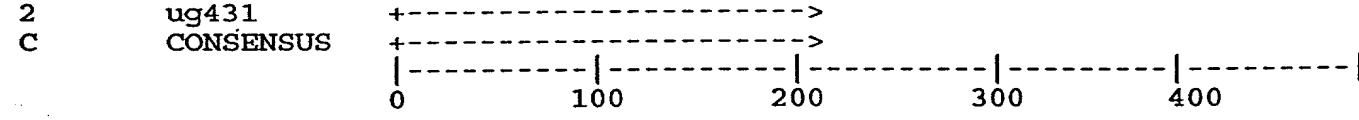
Contig: ug428



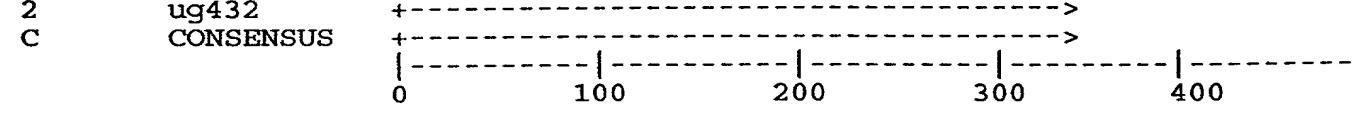
Contig: ug429



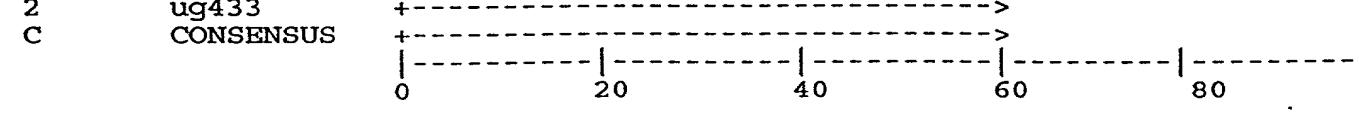
Contig: ug431



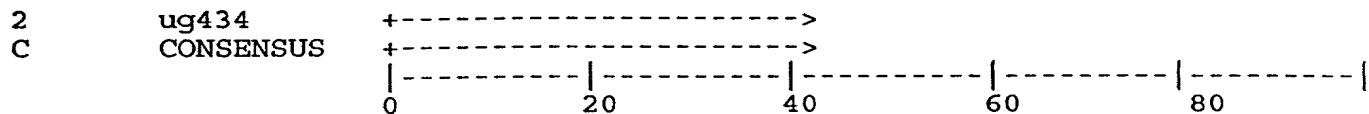
Contig: ug432



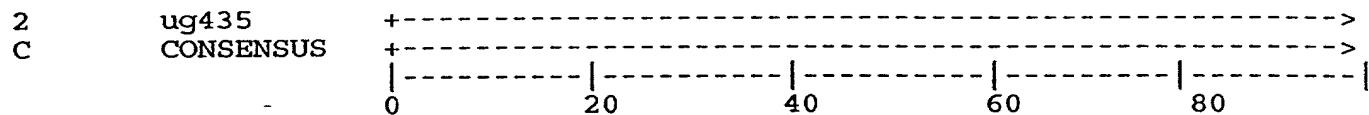
Contig: ug433



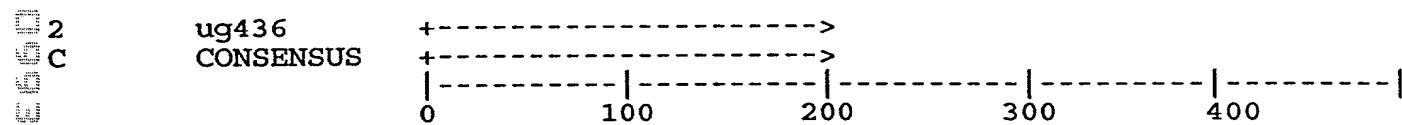
Contig: ug434



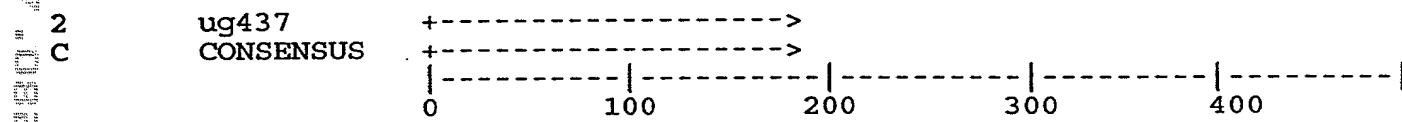
Contig: ug435



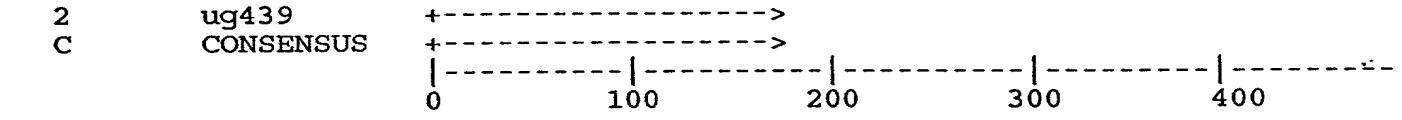
Contig: ug436



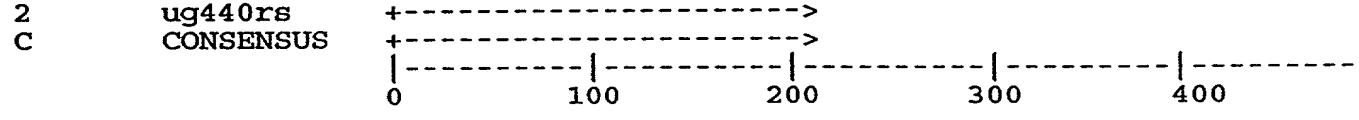
Contig: ug437



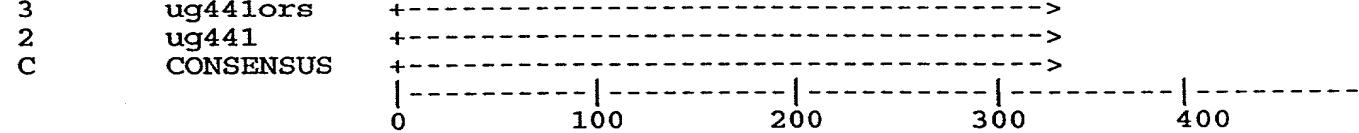
Contig: ug439



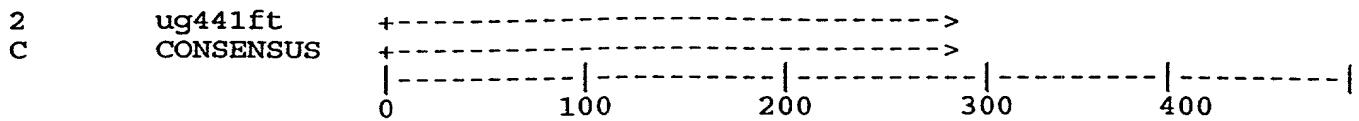
Contig: ug440rs



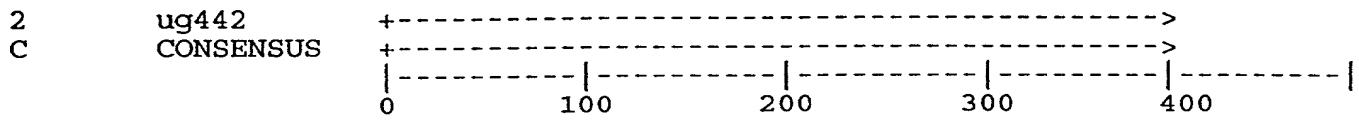
Contig: ug441



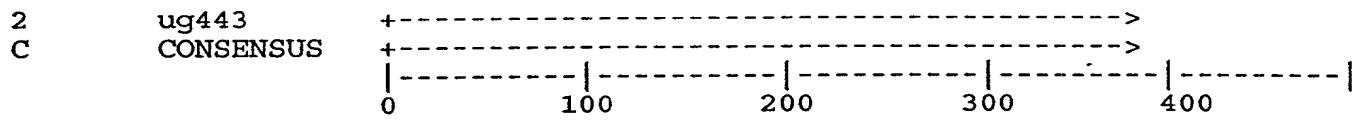
Contig: ug441ft



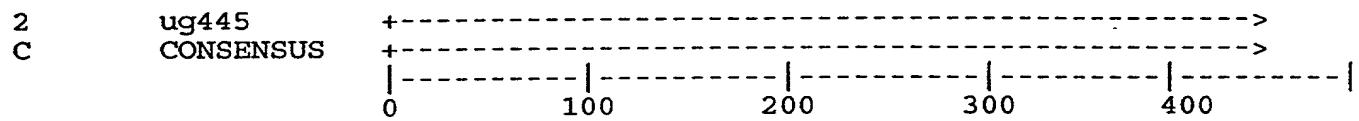
Contig: ug442



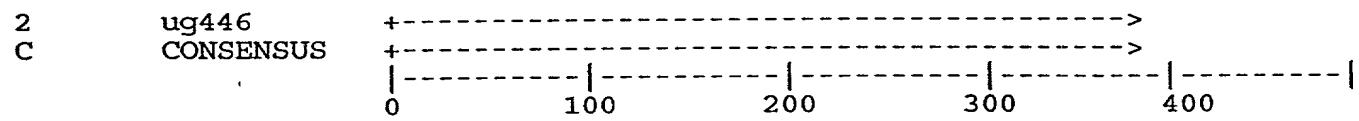
Contig: ug443



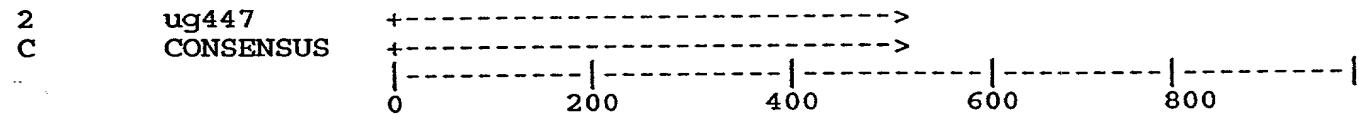
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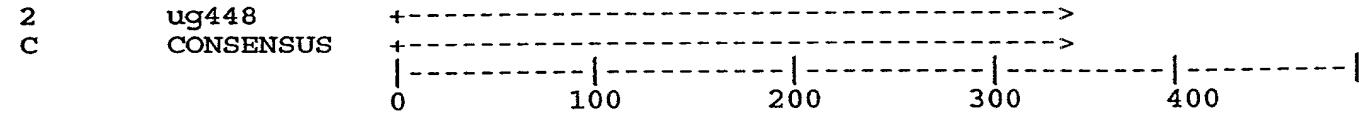
Contig: ug446



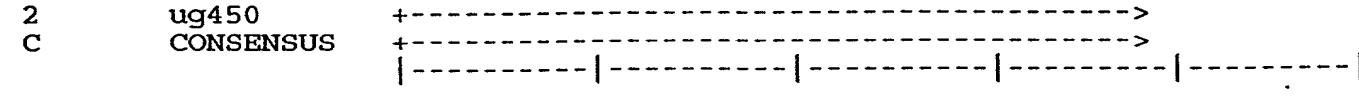
Contig: ug447



Contig: ug448

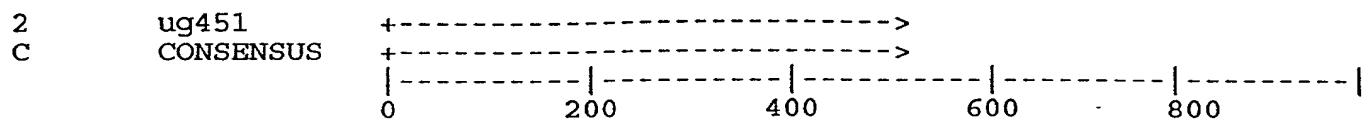


Contig: ug450

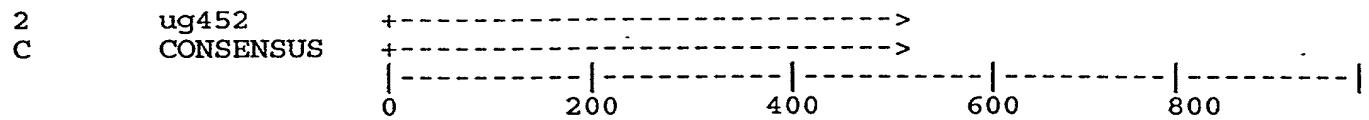


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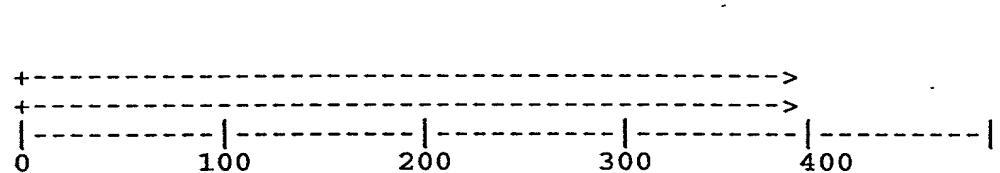
Contig: ug451



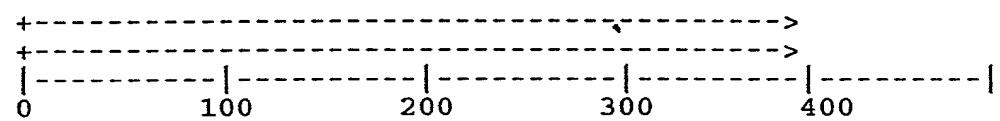
Contig: ug452



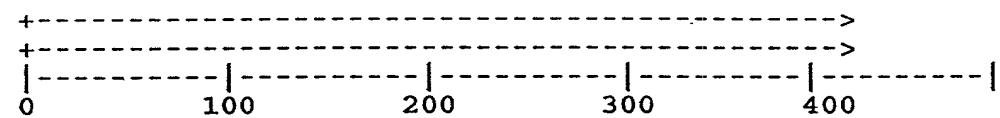
Contig: ug453



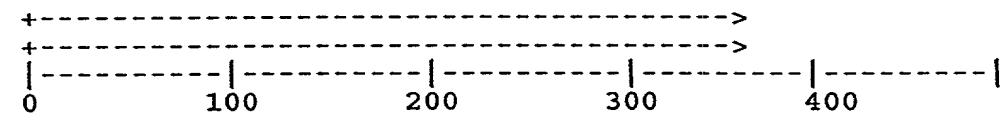
Contig: ug454



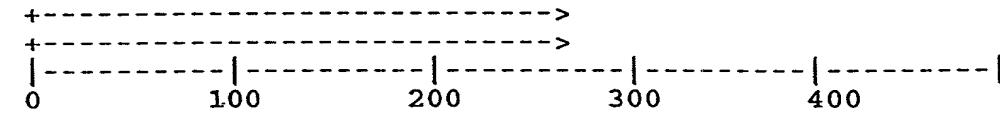
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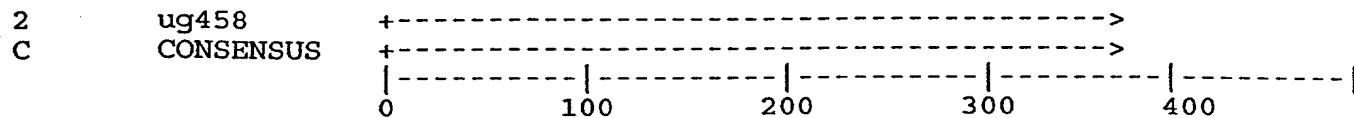
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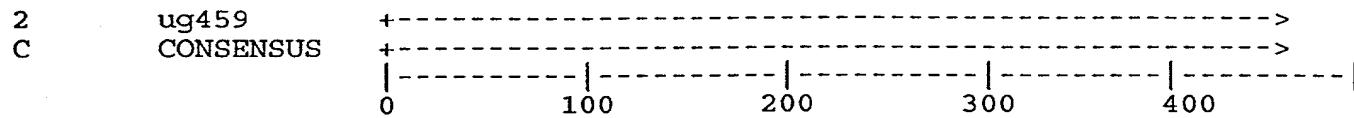
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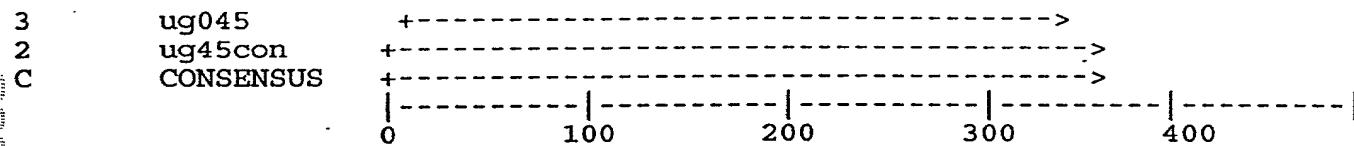
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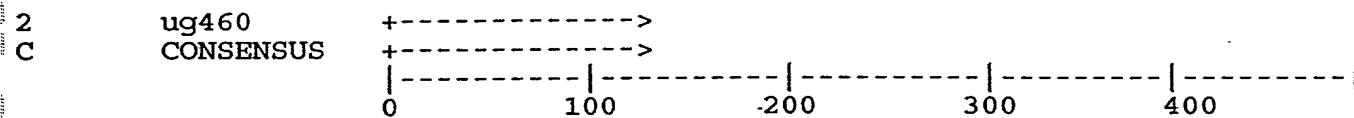
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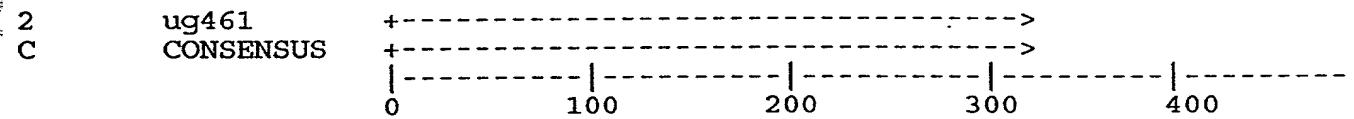
Contig: ug45con



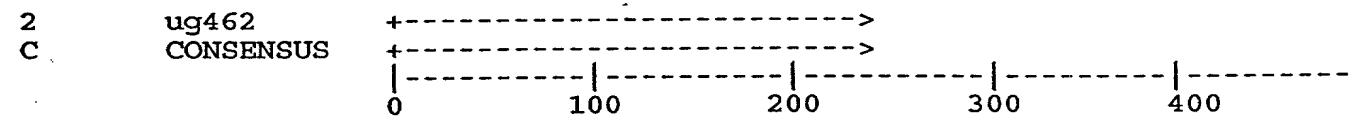
Contig: ug460



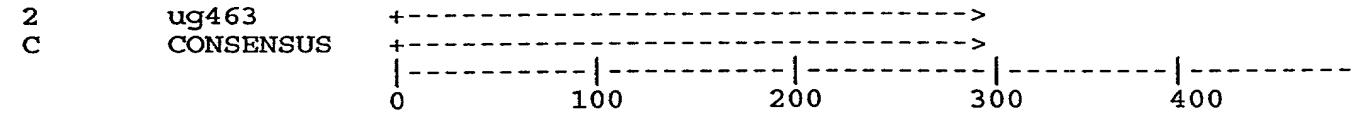
Contig: ug461



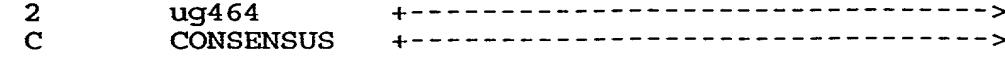
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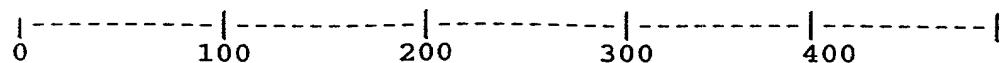


Contig: ug463

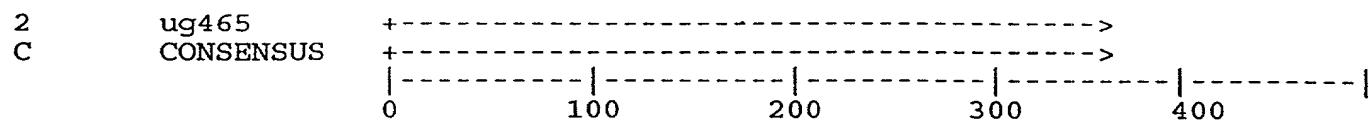


Contig: ug464

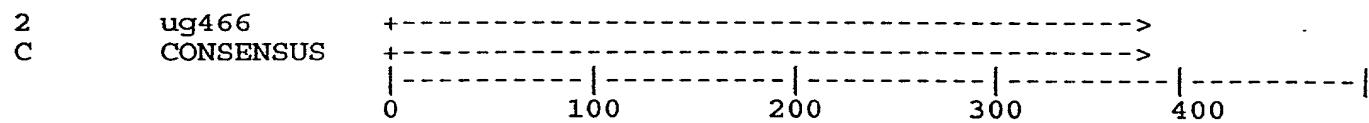




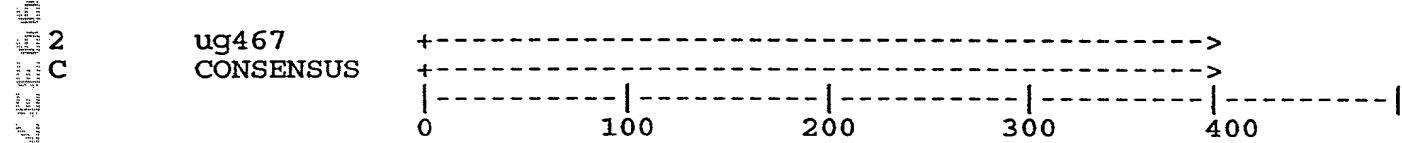
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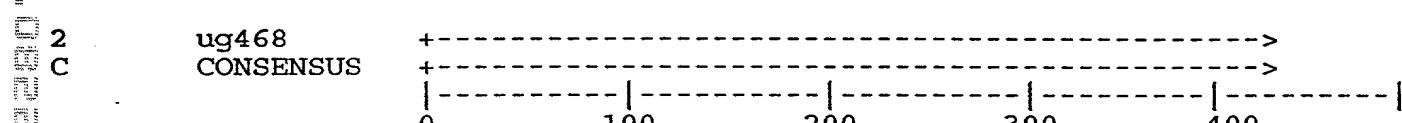
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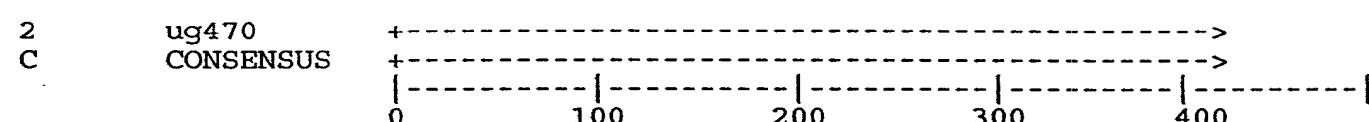
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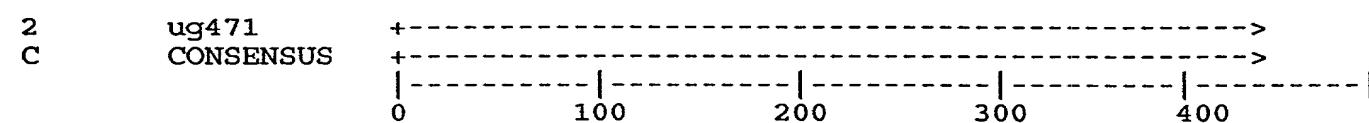
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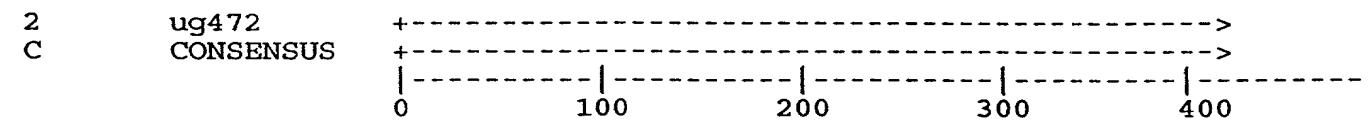
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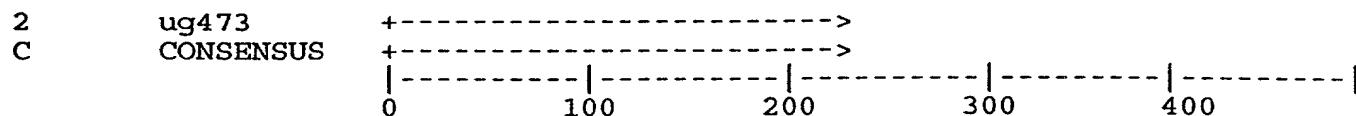
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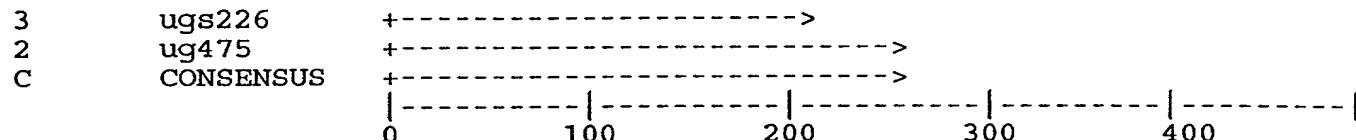
Contig: ug472



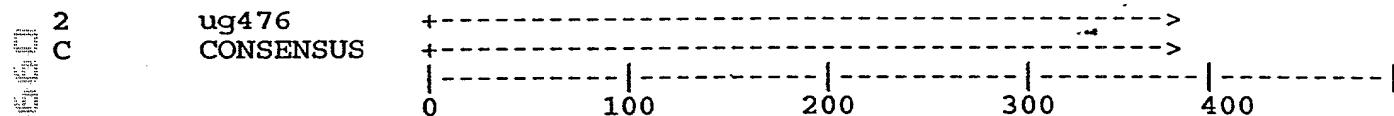
Contig: ug473



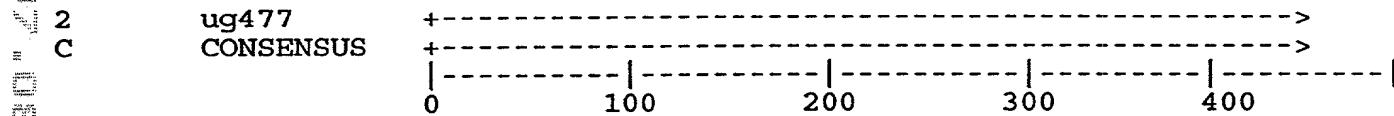
Contig: ug475



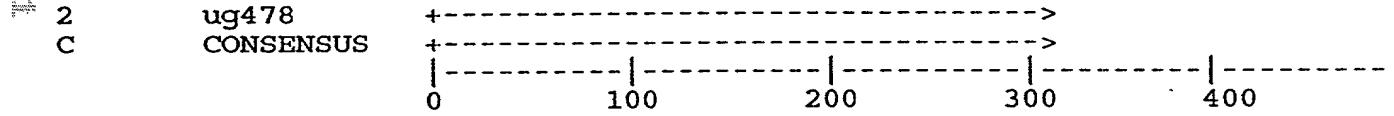
Contig: ug476



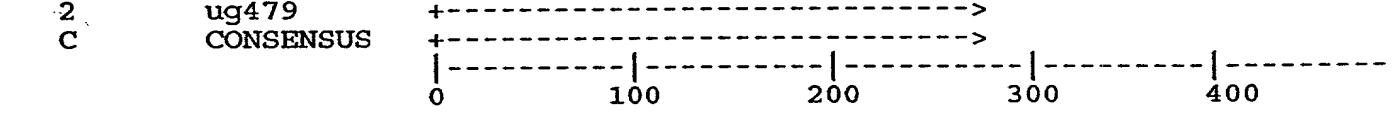
Contig: ug477



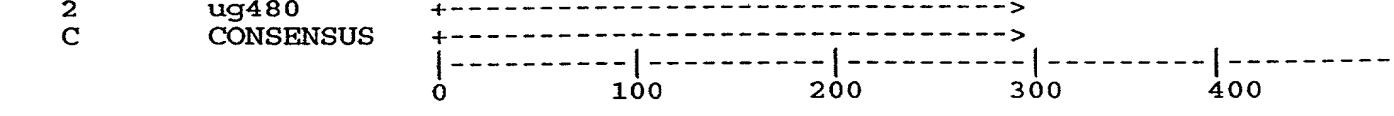
Contig: ug478



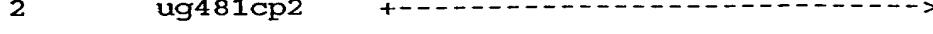
Contig: ug479

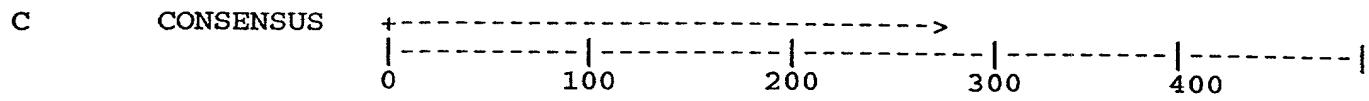


Contig: ug480

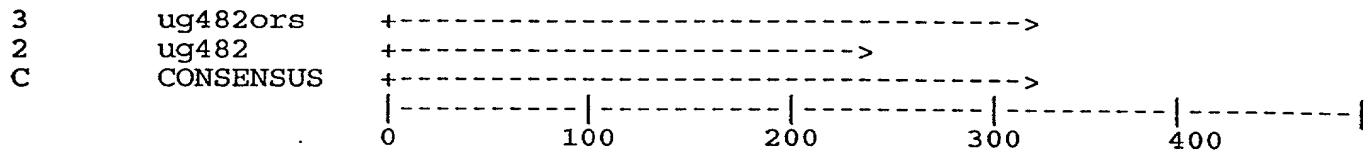


Contig: ug481cp2

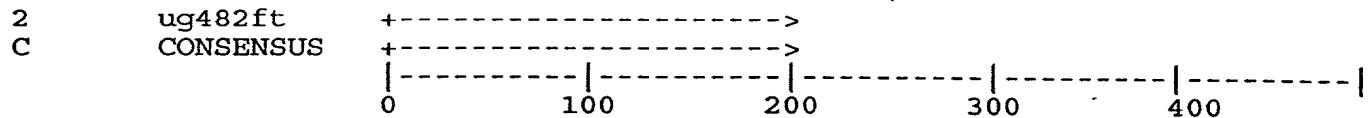




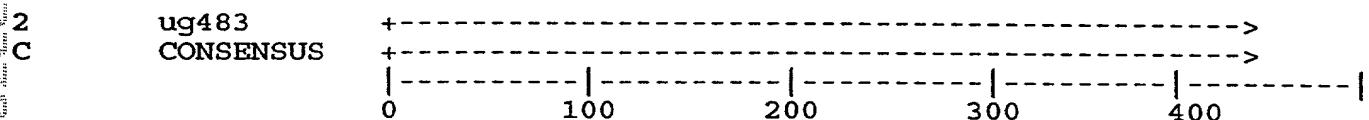
Contig: ug482



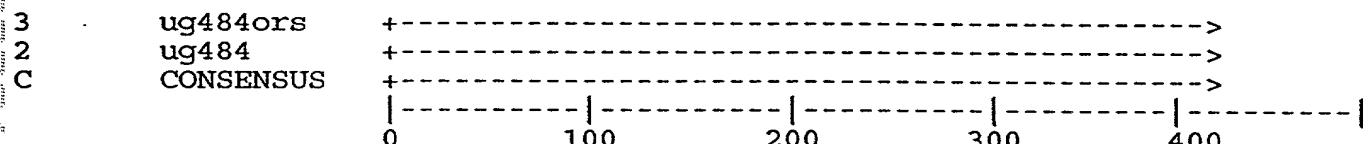
Contig: ug482ft



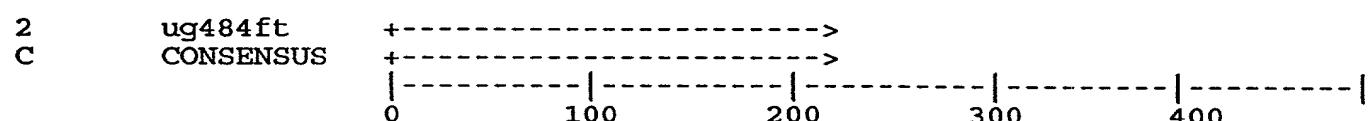
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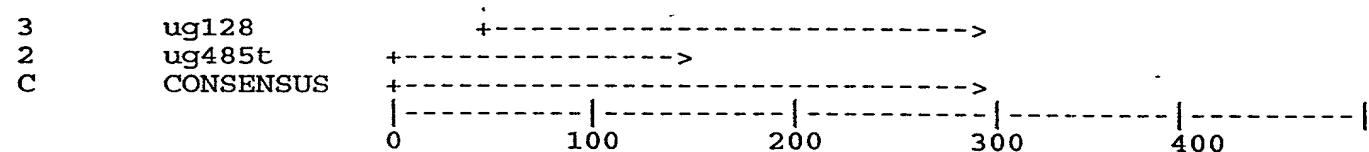
Contig: ug484



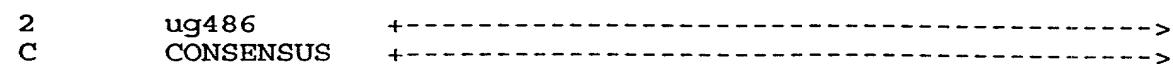
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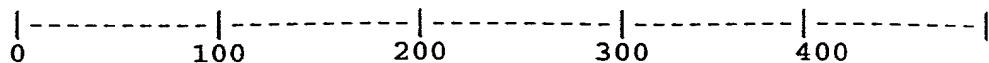


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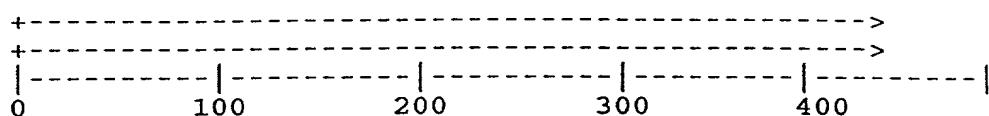
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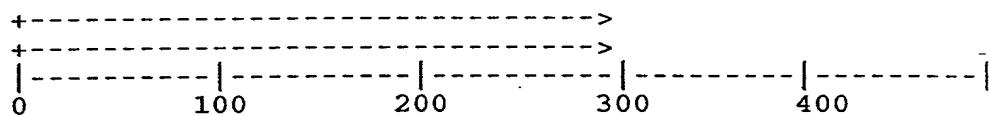
Contig: ug487

2 ug487
C CONSENSUS



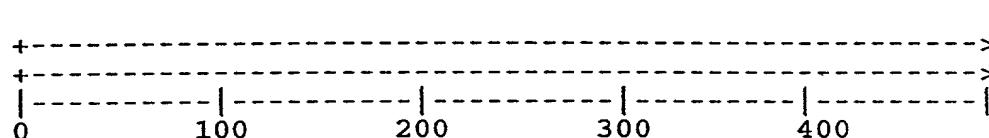
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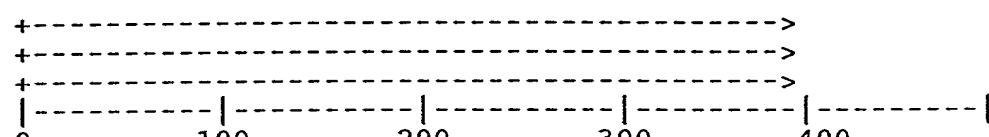
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2 ug489
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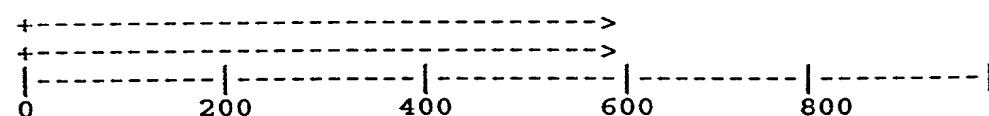
Contig: ug491

3 ug491ors
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C CONSENSUS



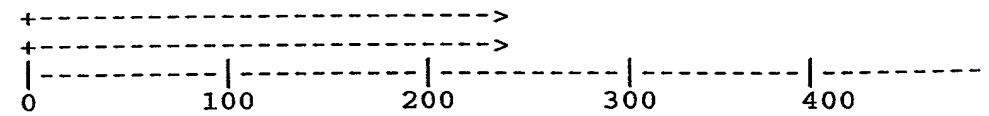
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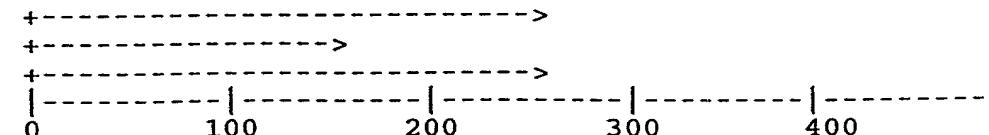
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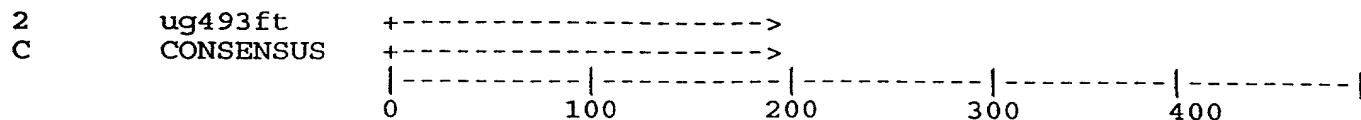


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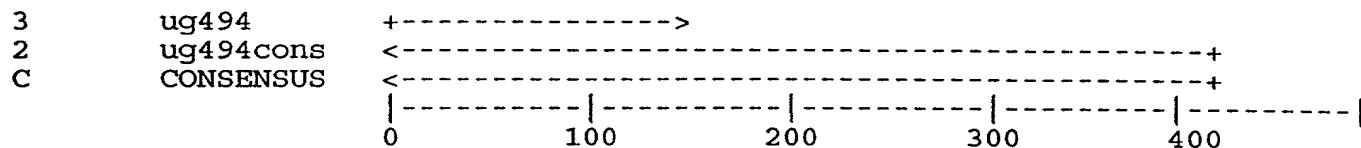
3 ug493ors
2 ug493
C CONSENSUS



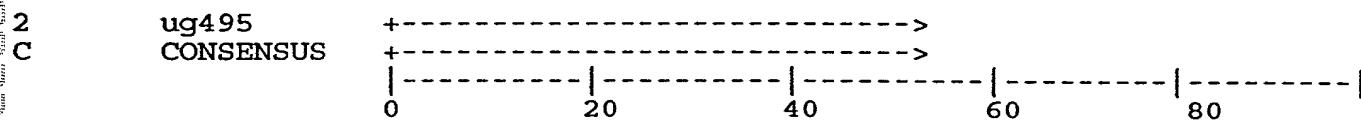
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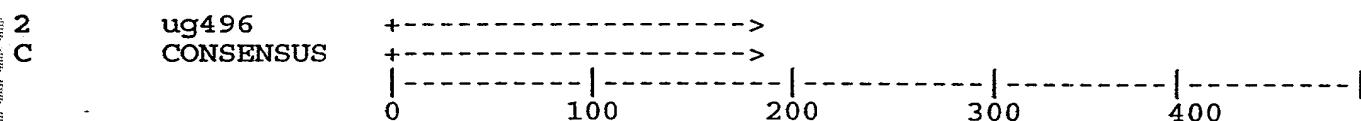
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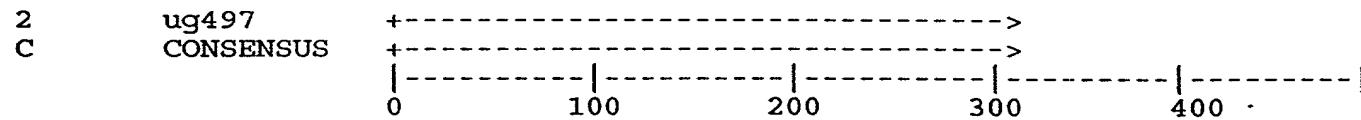
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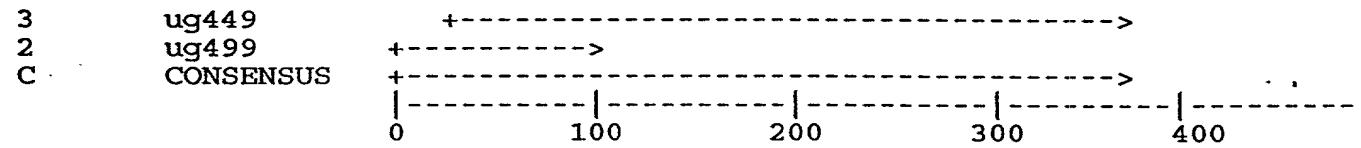
Contig: ug496



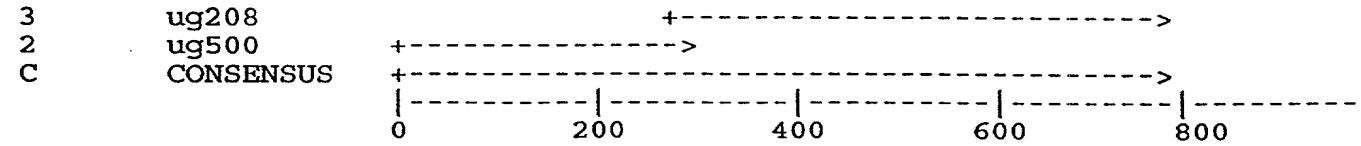
Contig: ug497



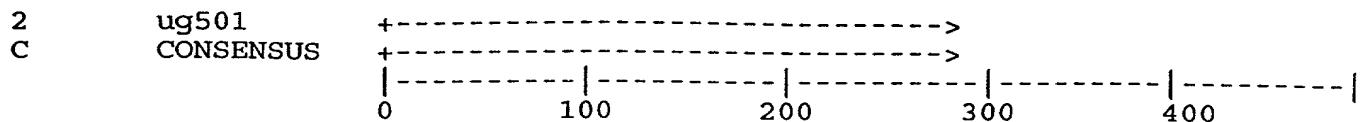
Contig: ug499



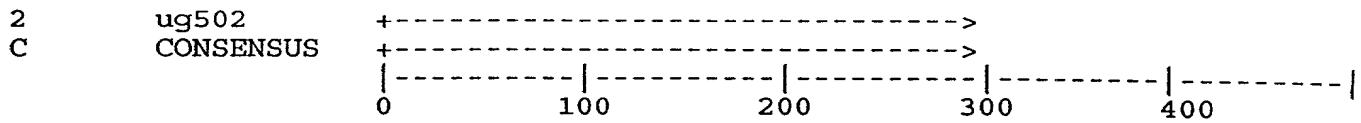
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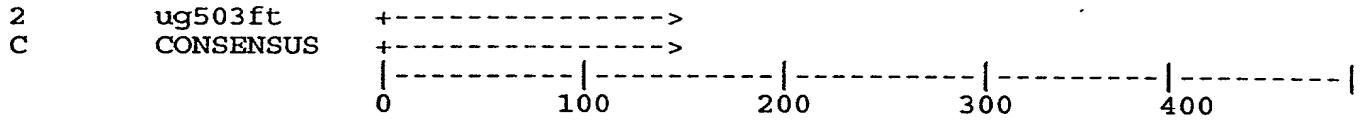
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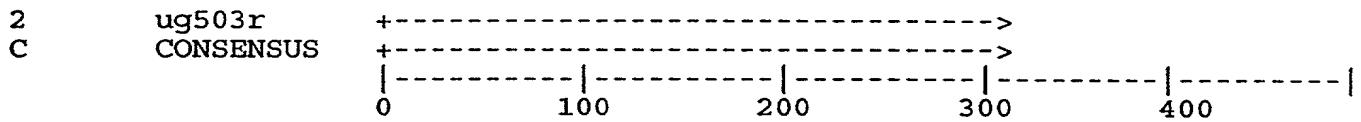
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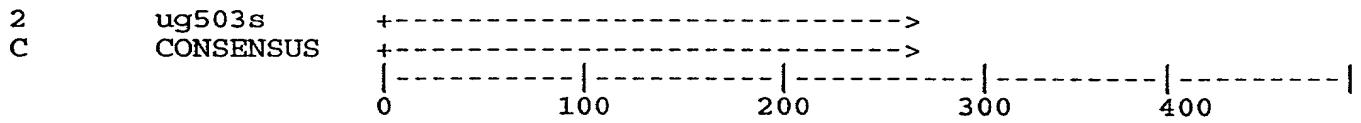
Contig: ug503ft



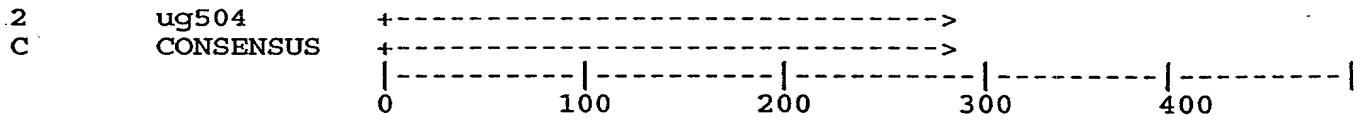
Contig: ug503r



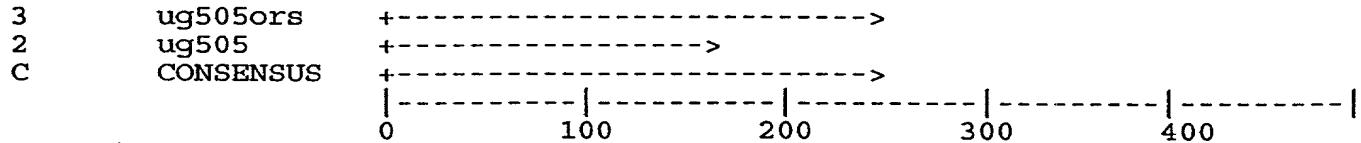
Contig: ug503s



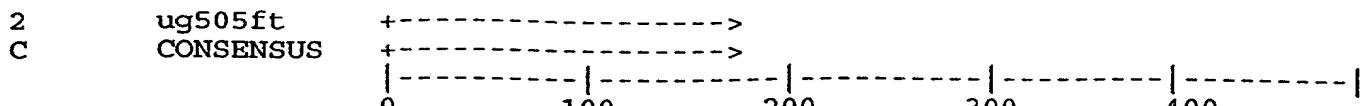
Contig: ug504



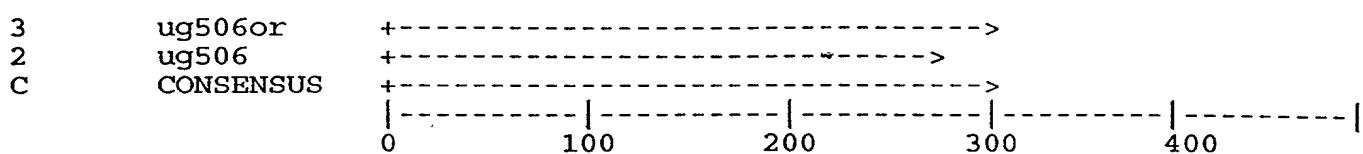
Contig: ug505



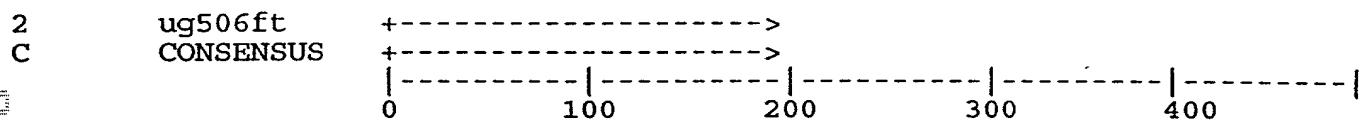
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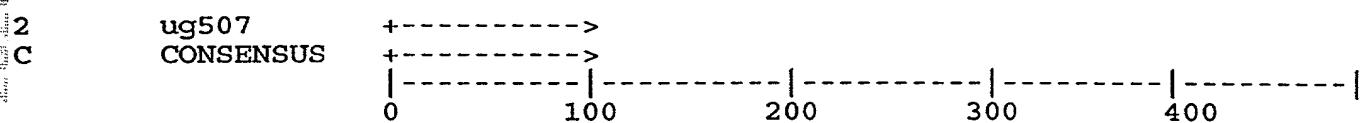
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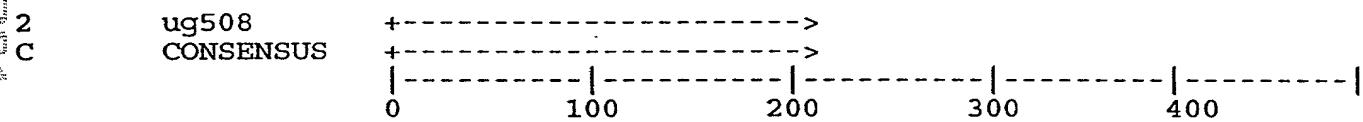
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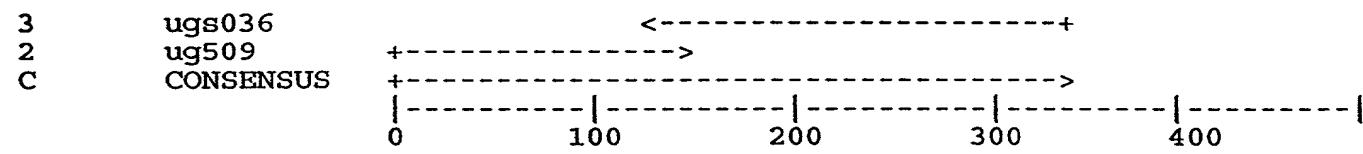
Contig: ug507



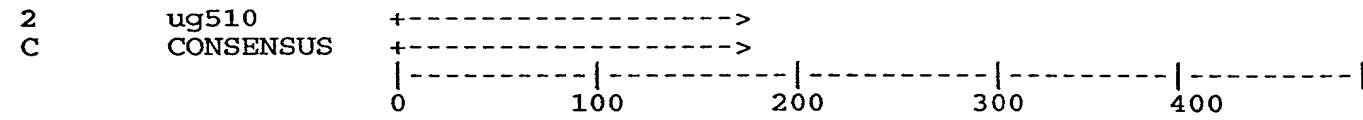
Contig: ug508



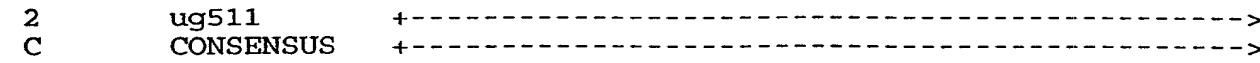
Contig: ug509

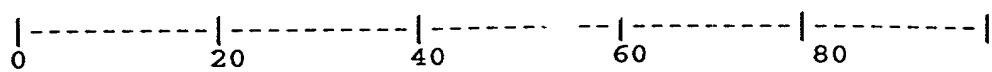


Contig: ug510

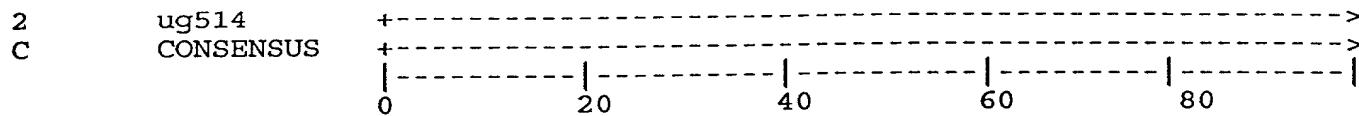


Contig: ug511

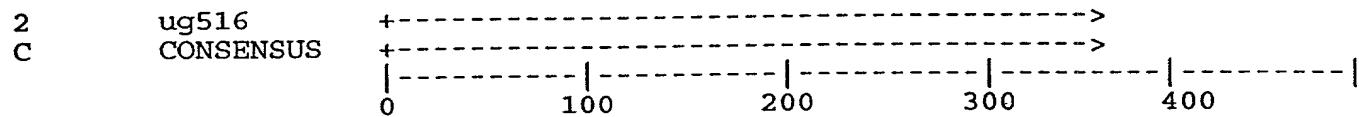




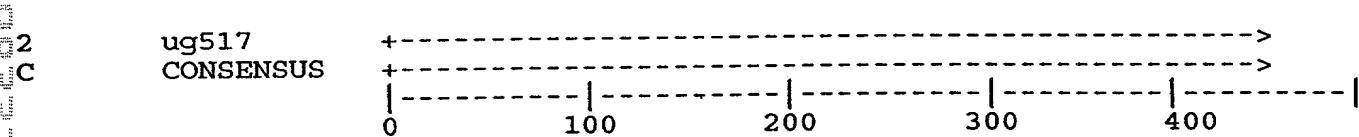
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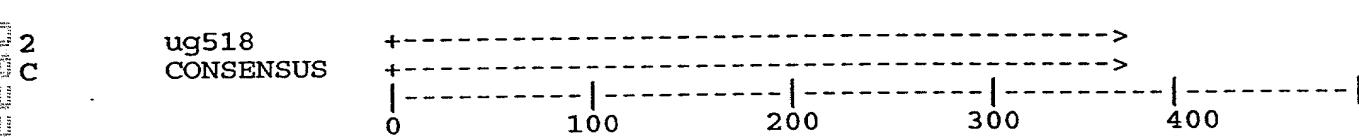
Contig: ug516



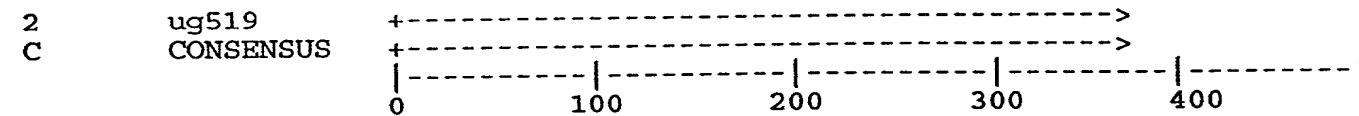
Contig: ug517



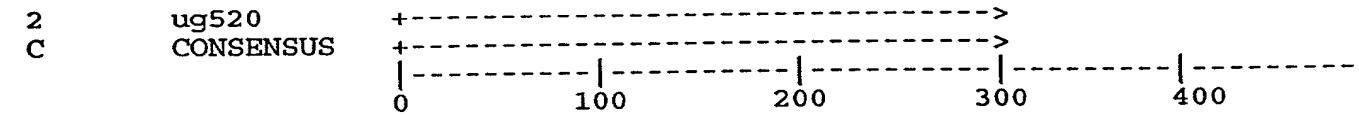
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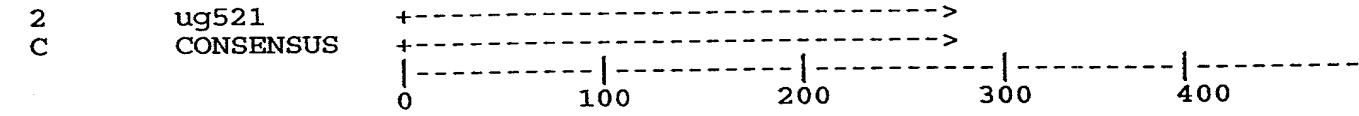
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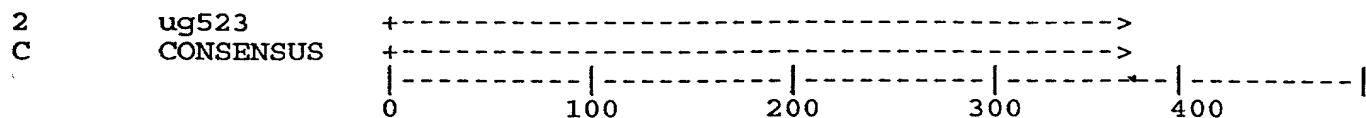
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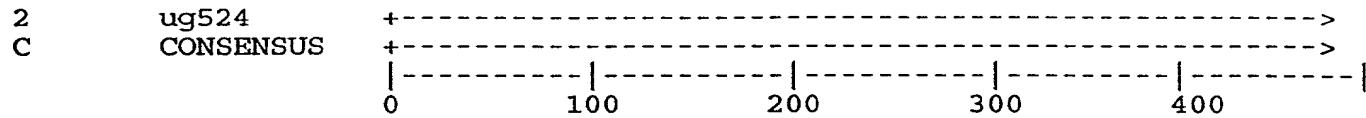
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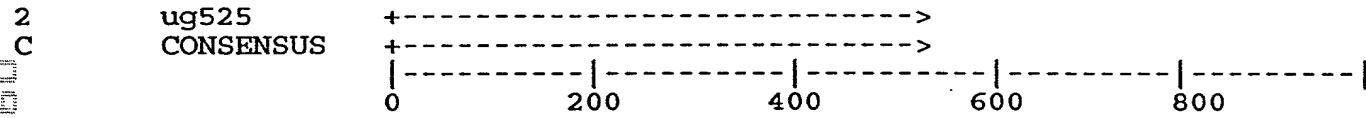
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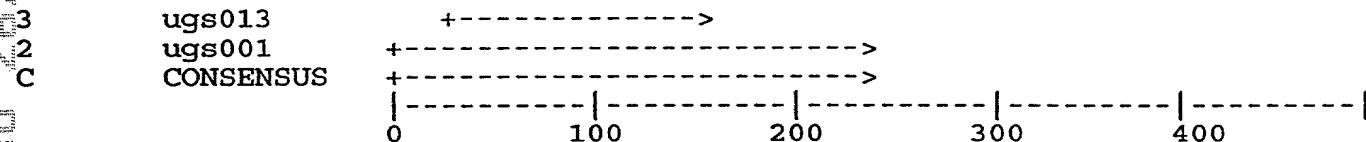
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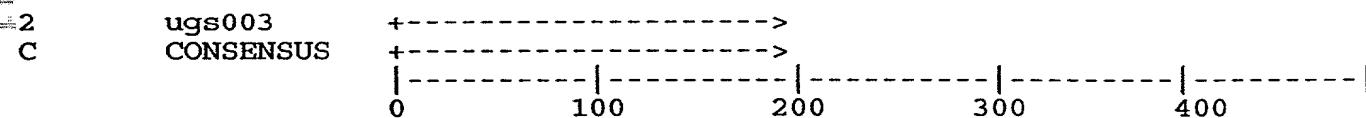
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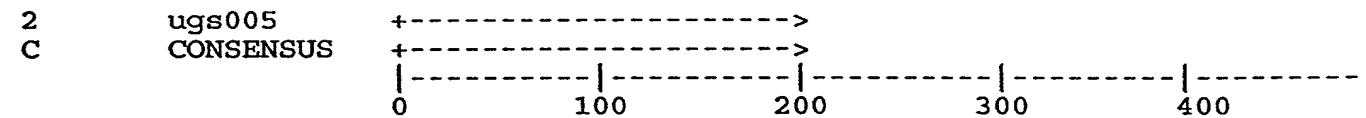
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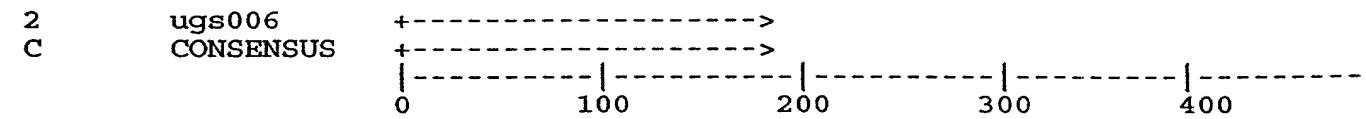
Contig: ugs003



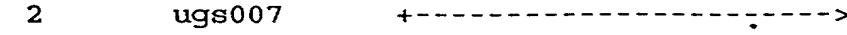
Contig: ugs005

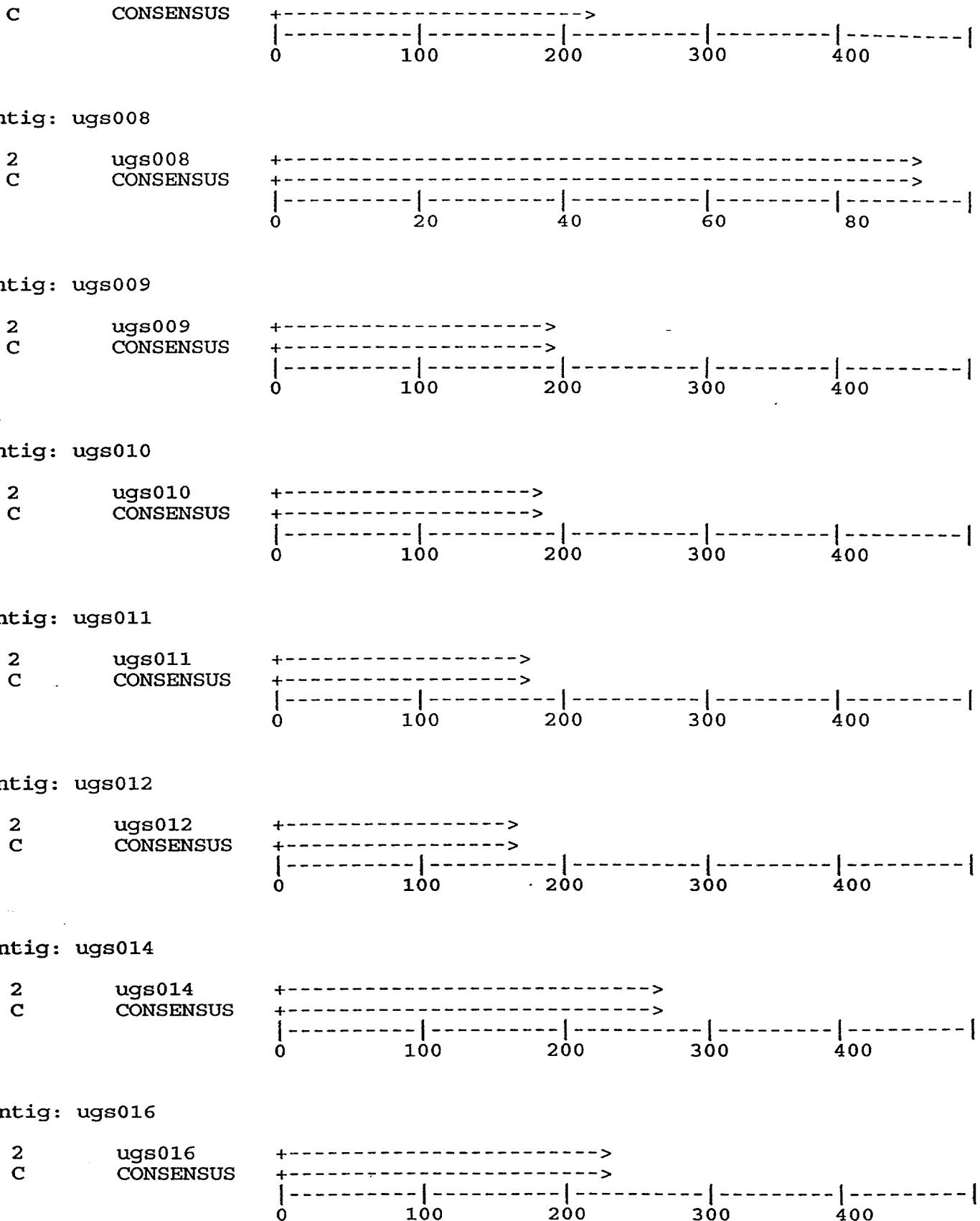


Contig: ugs006

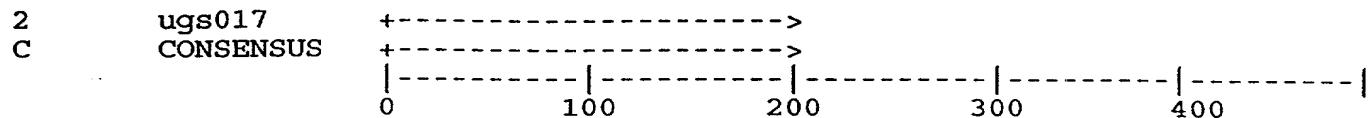


Contig: ugs007

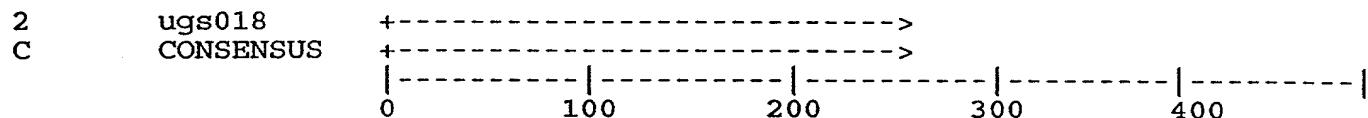




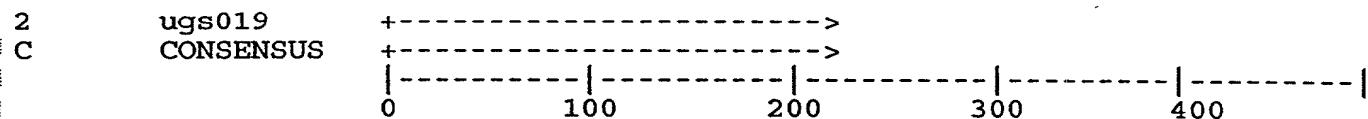
Contig: ugs017



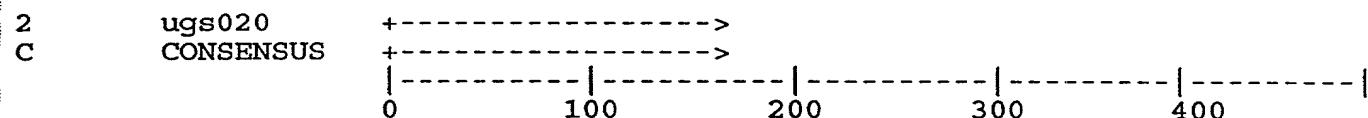
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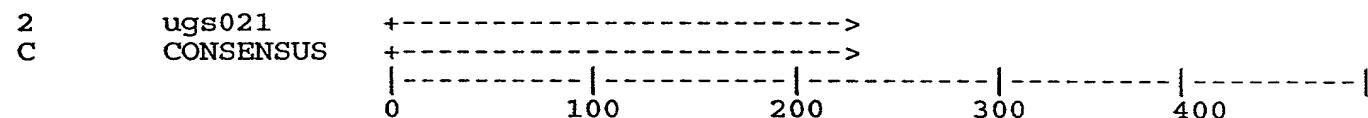
Contig: ugs019



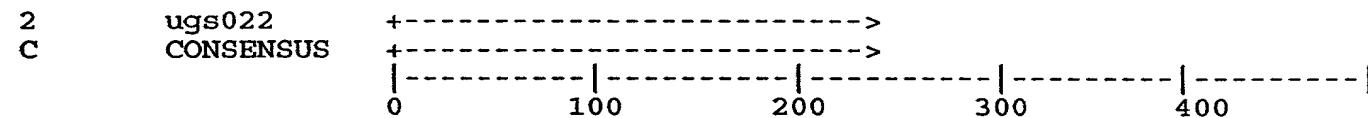
Contig: ugs020



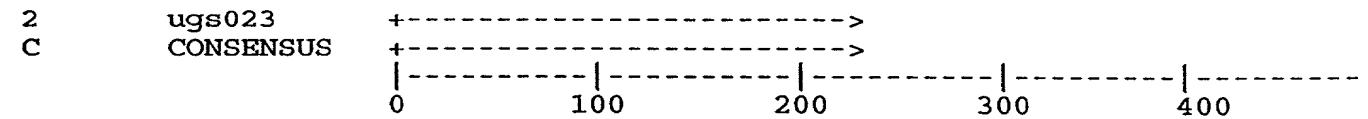
Contig: ugs021



Contig: ugs022

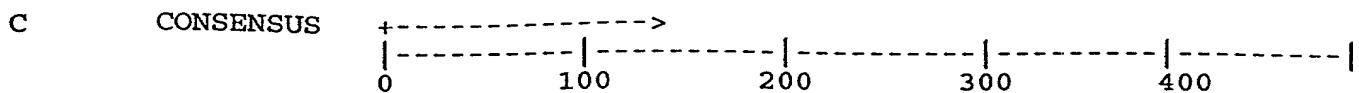


Contig: ugs023

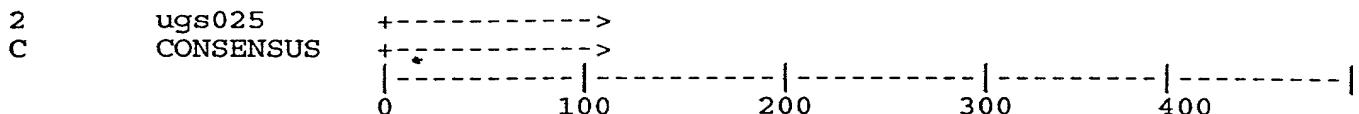


Contig: ugs024

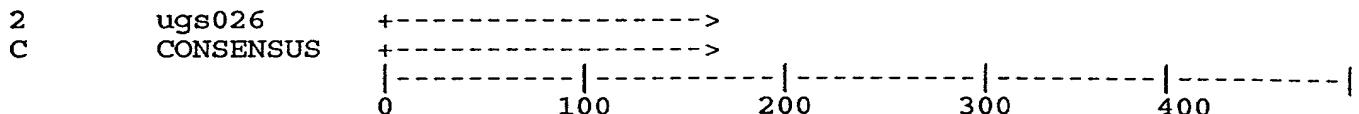




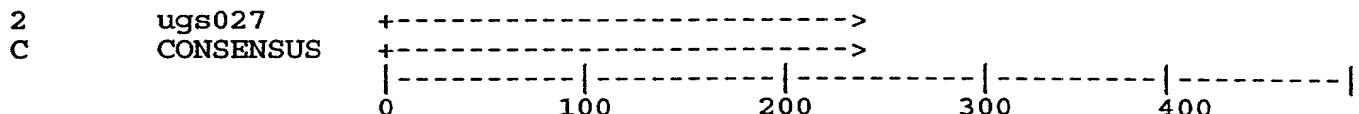
Contig: ugs025



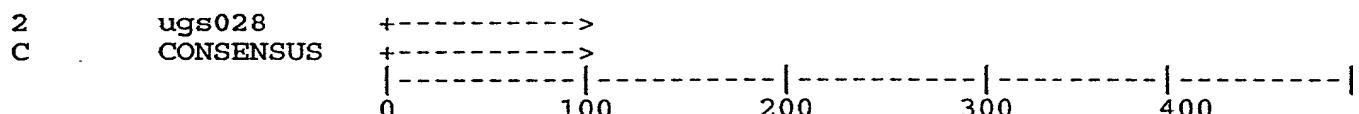
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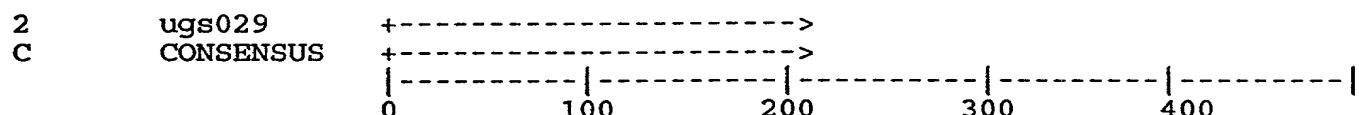
Contig: ugs027



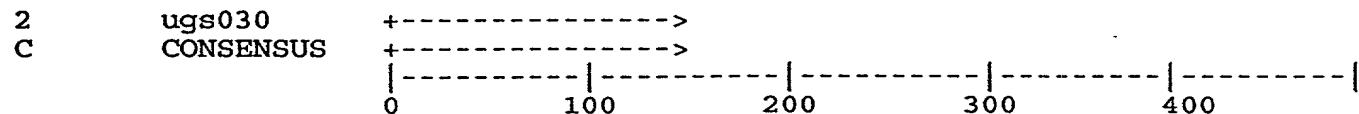
Contig: ugs028



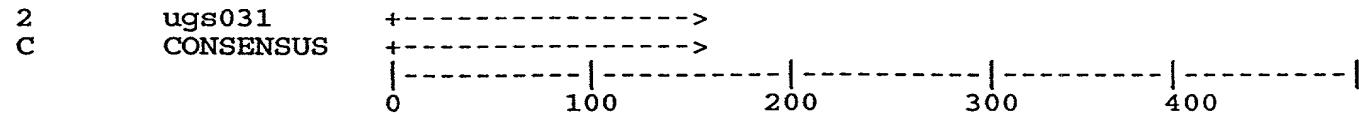
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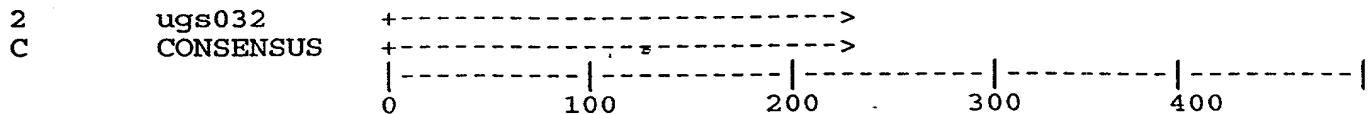
Contig: ugs030



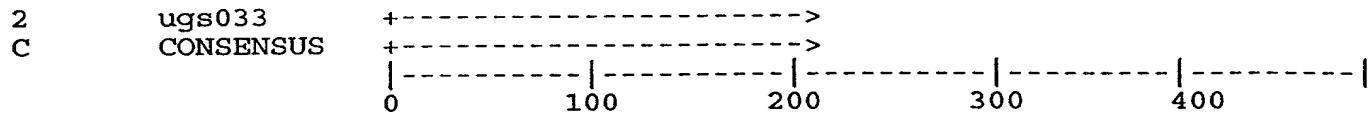
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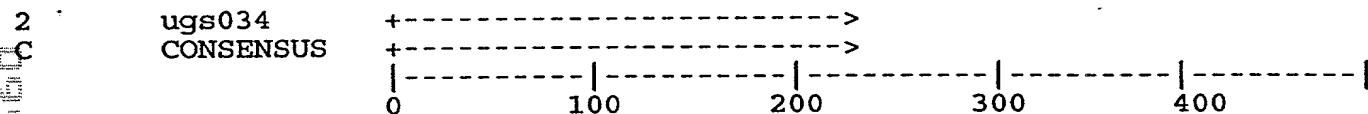
Contig: ugs032



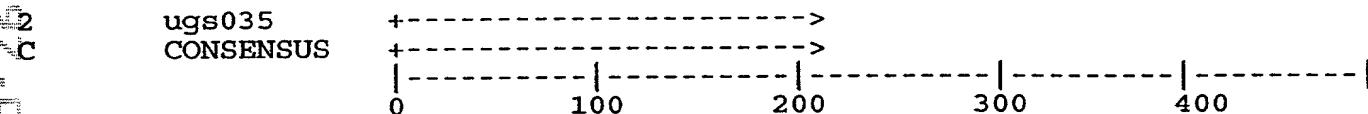
Contig: ugs033



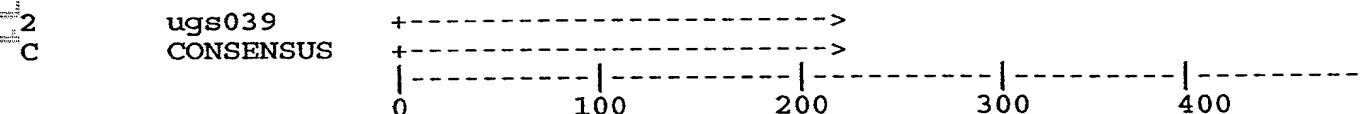
Contig: ugs034



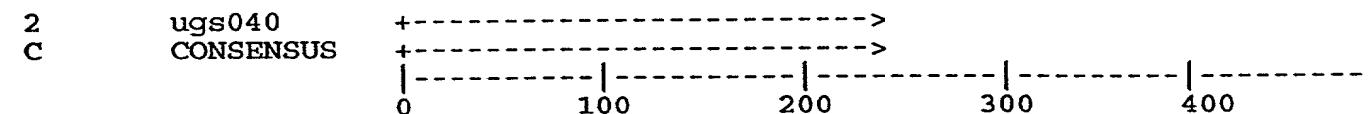
Contig: ugs035



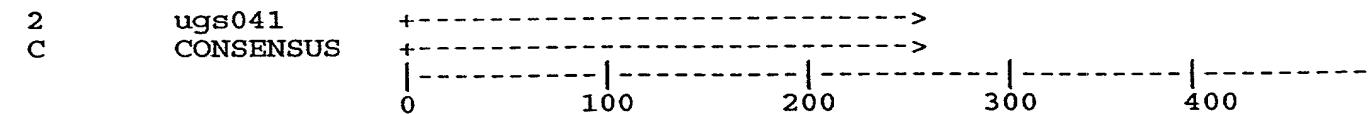
Contig: ugs039



Contig: ugs040

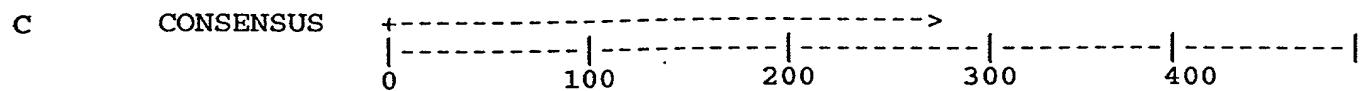


Contig: ugs041

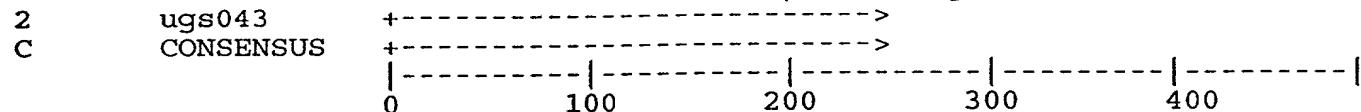


Contig: ugs042

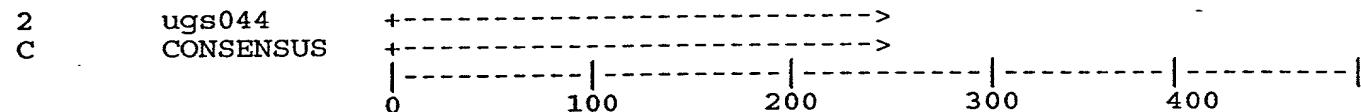




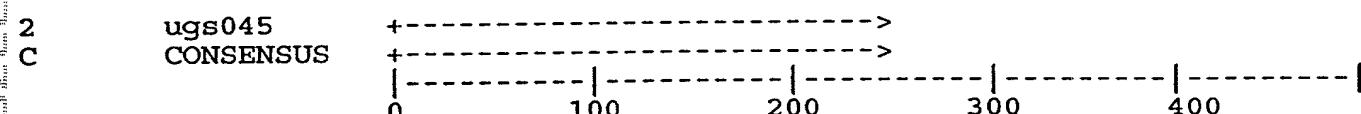
Contig: ugs043



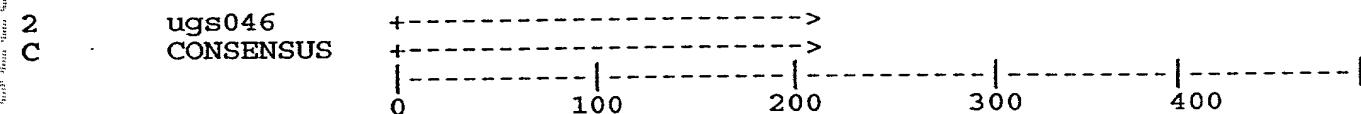
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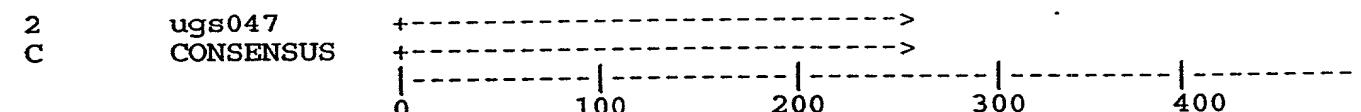
Contig: ugs045



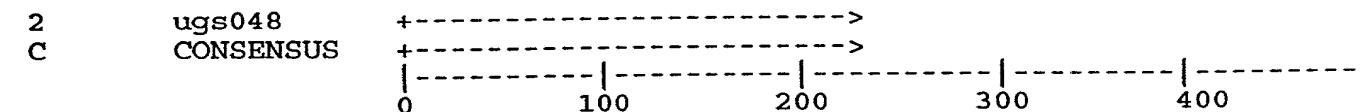
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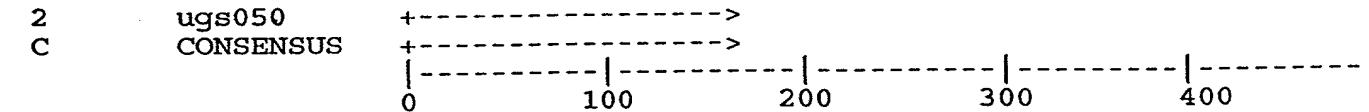
Contig: ugs047



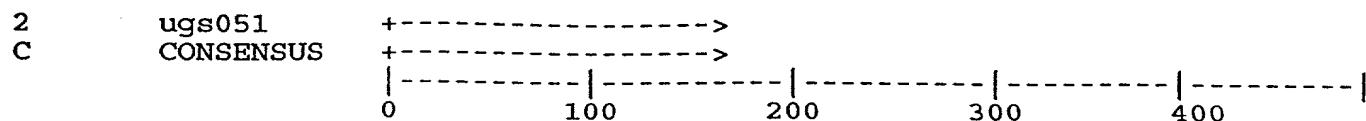
Contig: ugs048



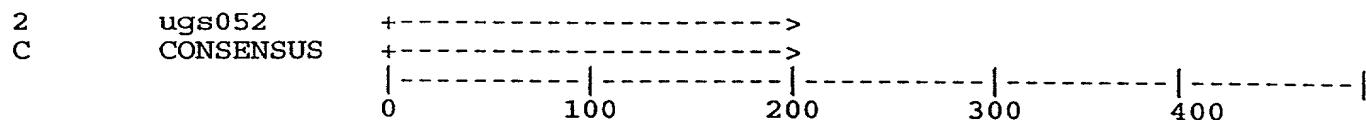
Contig: ugs050



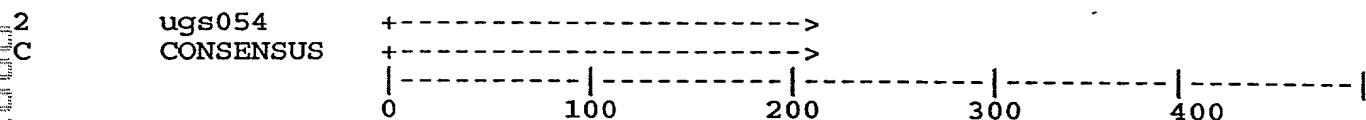
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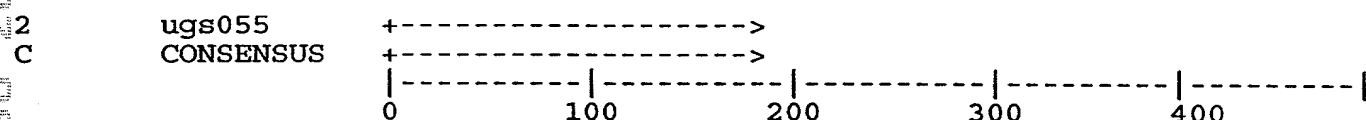
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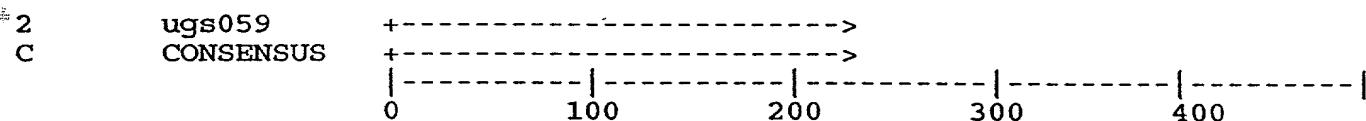
Contig: ugs054



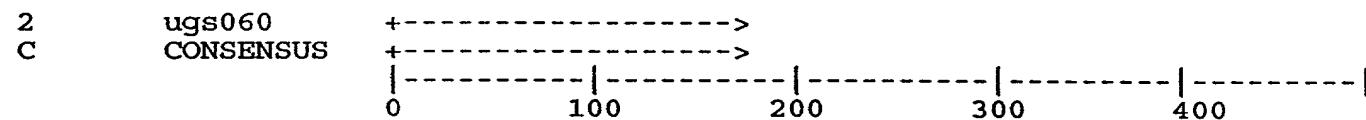
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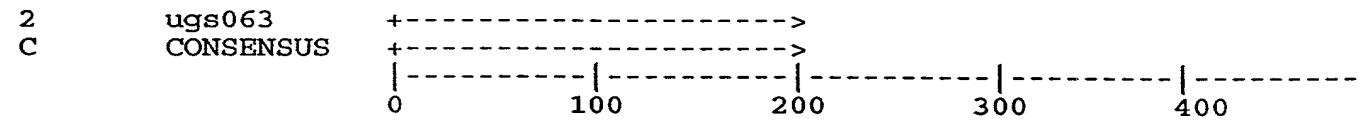
Contig: ugs059



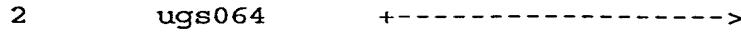
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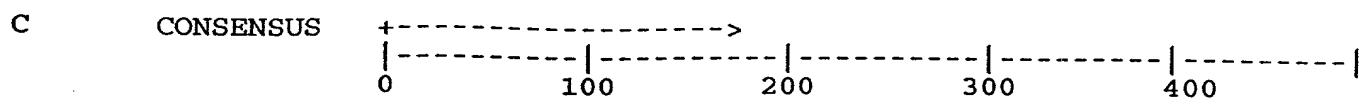


Contig: ugs063

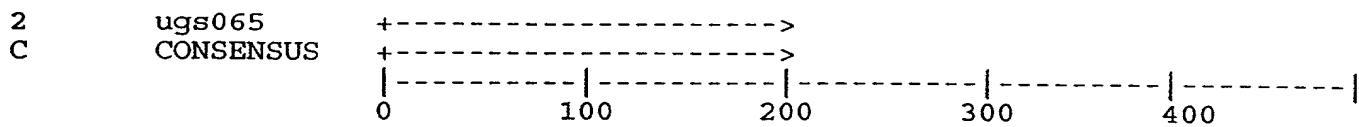


Contig: ugs064

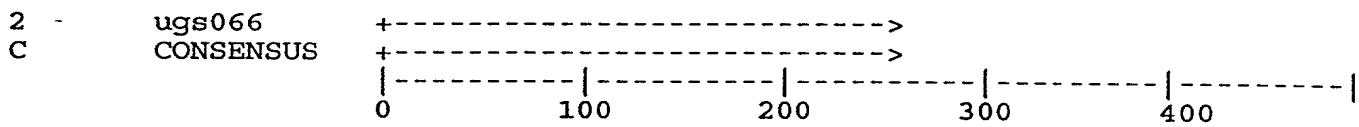




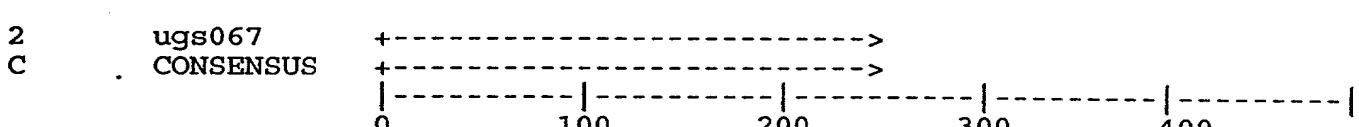
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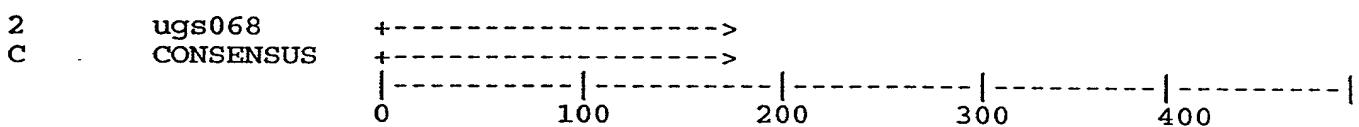
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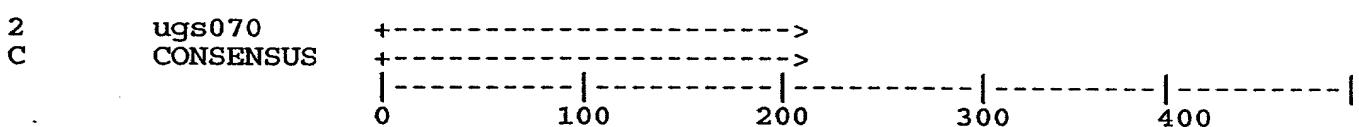
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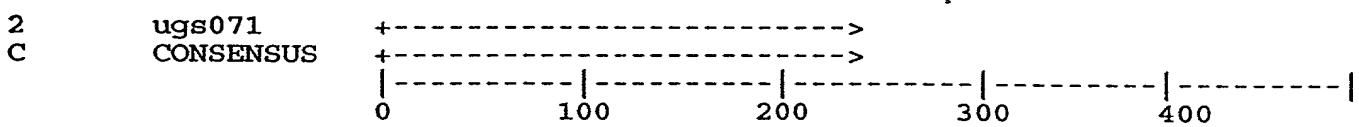
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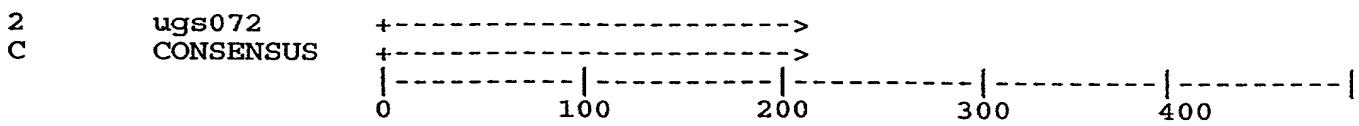
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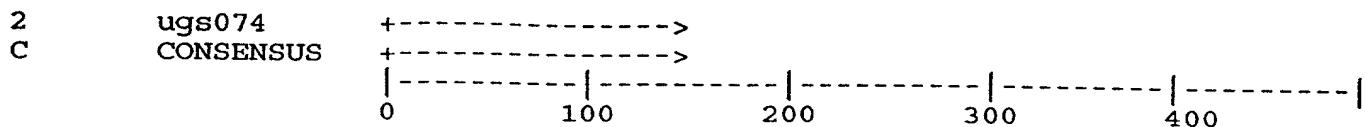
Contig: ugs071



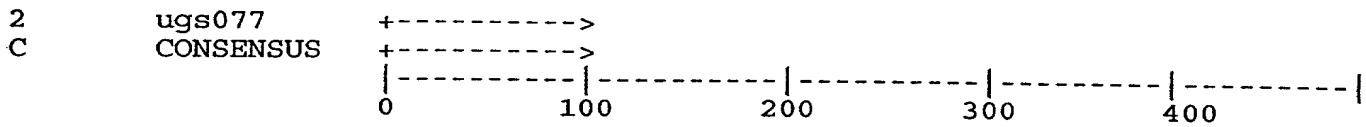
Contig: ugs072



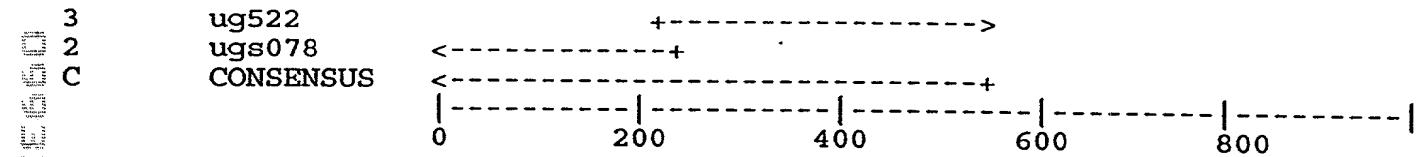
Contig: ugs074



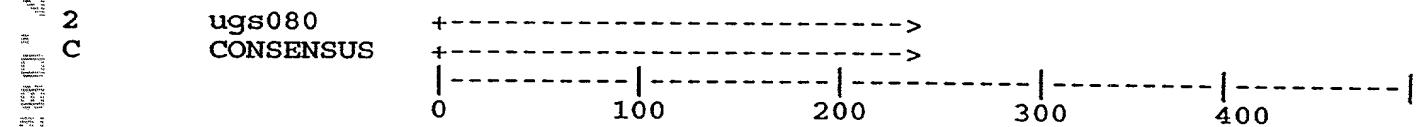
Contig: ugs077



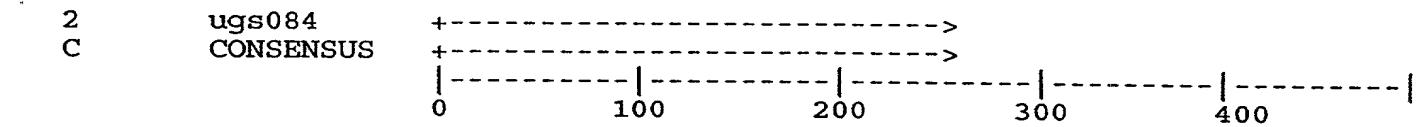
Contig: ugs078



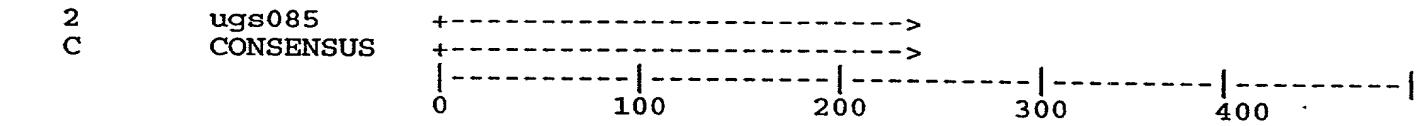
Contig: ugs080



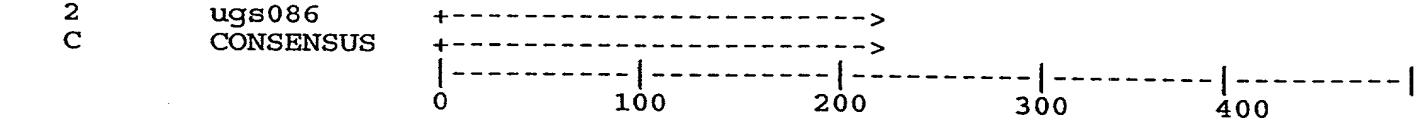
Contig: ugs084



Contig: ugs085



Contig: ugs086



Contig: ugs087

ugs068.seq Length: 178 July 9, 1997 19:17 Type: N Check: 4952 ..

1 ggcgcatttc ttaggcttgc gttttagcaa agtataacctg cgtggccatc
51 ttgtccacgc caatgcagag gtcctaaaag gactccctctt attctctatc
101 cctgtggacg taaagacact ggcatctctg ttaccttctc ttccctttgc
151 aagggtttac ttggatcttc agagaaaag

ugs070.seq Length: 218 July 9, 1997 19:17 Type: N Check: 43 ..

1 cacttttat ttttggggttt ttacagttag attttttga cttcagctac
51 accatcttcc tactgtttcc cttgaaatcc catcctgctt ttccctgtaca
101 ctaccctca caaaccacaa gccgcagcaa catggatgcc cagtctggag
151 cagcaacagc caggatgacc tggagccagg ggggccttcg gaacagatgt
201 ataccttctg gtgagttt

ugs071.seq Length: 238 July 9, 1997 19:17 Type: N Check: 8521 ..

1 cattcttcat gtctctaaac cttttttta aacaccctgg gggaggttgt
51 attctggcat tttaaataaa aataagatgc ttgatgccag aatgaaataa
101 tagaaataat gcctcctgtc cctgaccat gattcagagt acctttcccc
151 tggcaaagta ccctggtaac atttaaaac acacctaaca tgtcaacatg
201 tcaatatgcc atcaaaaacc cacaaattaa tcgatttt

ugs072.seq Length: 214 July 9, 1997 19:17 Type: N Check: 244 ..

1 tcctcttcat atttgttttc cttctgagag tacttctcag cctgagccctc
51 cagtgattca agttgttcgt caccgttttc aattttctt caagctcgcc
101 acatttgccc tctgagagct cagcccgctc ctctgcacgt tccaggtcgcc
151 tctcgatgtat gaccagctt gggccaccc ttcataacttc cggtcagcat
201 cttcagcaat gtgc

ugs074.seq Length: 154 July 9, 1997 19:17 Type: N Check: 7251 ..

1 attttaggaa aaatggatt gactctctga actcaacaaa actggaattt
51 ttttttccc cagaagcgag aaatgaaaag agaaggcct aaggaaagca
101 gaaggcggcc tgaagtgaca ataccttaa aaaactctta tctctgttg
151 gggg

ugs077.seq Length: 106 July 9, 1997 19:17 Type: N Check: 3276 ..

1 cgggagggcg ggcggcacg ggcccggtcg ctcccgccgc agctgctggc
51 ccgcacgctg ttccctgacag ctgggccttg gcgcctcgat ctcagccgcg
101 tccccgg

ugs078.seq Length: 240 July 9, 1997 19:17 Type: N Check: 6310 ..

1 cactcttctg acttagaggt tcagcttgat gctaacatga aaccaatgcc
51 ctttaatagt gaagcgacac caactgaaga tggagctcaa ttacggttta
101 agcaagtagg agtcagcctt acagatgatt tgatgaatca gttgctgaag
151 ggaaaaagcca agaggtatcc ccaaggccaa attgagtttag agactggcca
201 gccaccatg gagttaagaa gaagacaact gtaccttgtg

ugs080.seq Length: 244 July 9, 1997 19:17 Type: N Check: 2016 ..

1 tttgaaagtg aaaagacttt tattccacat ttggagccct tacagaggaa
51 catggatgga gagctacagg tggttcactg tgacttcttt aaaatggatc
101 ctagatatca ggaagtagta agaccagatg tgagttcaca ggcaatattt
151 cagaacctgg gaataaaaaga gttcctttc agcaggtgtt cctataaaagt
201 attggaatcc taccatataa actgaagacg atactttgaa attc

ugs084.seq Length: 257 July 9, 1997 19:17 Type: N Check: 6754 ..

1 ccaggaactg tccagtgaag agataaaagtc ccgtgttga aactttaaga
51 acttttaaaa taaagactgg aaatggaaaa actgatagaa tttaaaatca
101 acagaatgt a ttcctttgac aattctcccc atagctttat tccttagcact
151 caaggcttag gcaggaggc tgcgttaagc ttcaaggcag cctgtactat
201 acacggaatt cagattacca caatgagctt ctatctaaa cacataagct
251 ttctttc

ugs085.seq Length: 243 July 9, 1997 19:17 Type: N Check: 2131 ..

1 ttttataag actggttctc actgttagctc tggctggct gaaactcact
51 atgtaaaacc agatgcagag gacaacaggc tggctttgaa ctaaggacc
101 atcctgcctc tgccccc aa aggctggatt acaggtgggt gccaccacac
151 ctggttaaa tcgagactaa aaaactgttc tgtcttttag gtaatccaat
201 tattcagaat agacctcaag tctctaaaga ggattttgat ctt

ugs086.seq Length: 219 July 9, 1997 19:17 Type: N Check: 5470 ..

1 gatggggaga gtcacatgag tcccccttctc caccttgc tcaaatct
51 tttccatact ctctgacgag gcatgagggc agaccttagc ctttaaagcg
101 ccacggttca tttatgtgtt gaaaagaaaag tacttgcgtt cttgtgtt
151 ggctcctcag cctgcttcca caccagctga cagtgggtac gtgagccagg
201 ctgctggaga ggcataatgg

ugs087.seq Length: 224 July 9, 1997 19:17 Type: N Check: 8971 ..

1 ttggattaga atatacactc tgaaaacctg cagcgtggct cgggtgcctgc
51 tgccgcacatct gaaaacctga agaaaatctc tggtggaaaa cagatgggtgg
101 aagaagaaaa aagtgtgtgt gtgtgtgtgt gtgtgtttc tctgagtttt
151 ggttggagga ggtacttcac agcacttgat ctgcctggc cactgagaag
201 cggggattttt actcaaaggt cgtc

ugs088.seq Length: 194 July 9, 1997 19:17 Type: N Check: 3379 ..

1 ggaagccagc aggaacagta ggacagtcgt caggctgtga ggtgggtaag
51 aaatacagaa atgctaagta aggatatact cctccttagca ggttgcctaa
101 ggaggttaat ggtggtggtc tcatctggtg ggttcttagtg aactaggcca
151 agagctacat gagatctgag gggaaagtgt aataccagca gggg

ugs090.seq Length: 195 July 9, 1997 19:17 Type: N Check: 1446 ..

1 gaaggattct gggaaagttc caggccccat gaagttaatt ccctggctgg
51 gatagtcgct gggggttggg gccgaagggg ctgcgaatggg gcaaaaagggg
101 cagccagggc ccagggctgc aatcatctcc atcacactgg gcatgagcac
151 atgggcaggg ctcacagtgc ggcacgcttc agcactggcc catcc

ugs091.seq Length: 257 July 9, 1997 19:17 Type: N Check: 8940 ..

1 ggccgttgtt tgtgtttggta tatacgactg ctatagctac tgaggaatat
51 ccagagactt ggggatctaa ctgattaatt ttgggttttt tagtattggg
101 ggtgattata gaggtttttt taatttgtgt gcttaattat tatgatgaag
151 tggagtaatt aatcttgcgt gtttggaga ttgggtgtatg tatgaggttg
201 atgatgttgg agttatgttg gaaggaggga ttgggttagc gcaatatata
251 gttgtgc

ugs092.seq Length: 95 July 9, 1997 19:17 Type: N Check: 4653 ..

1 aagcaagttt aaaaactgct ttattgattt gaagtaccaa atttataaaag
51 attataacag tttgcata ctc当地 aataatttac attgg

ugs093.seq Length: 194 July 9, 1997 19:17 Type: N Check: 1277 ..

1 gtgggagact ttatTTATCC agtgtggta tagcatggcc ctccatgctt
51 tttactggtt aatgctattt ctcacaatga tgcaGATTAG gaaaattgaa
101 gtattcagga aacaggggtg gttgctaagg ctccgtacct gctctctata
151 aaattatagt ggctttgacc tgacatagga aagttcaagt ctag

ugs094.seq Length: 176 July 9, 1997 19:17 Type: N Check: 2014 ..

1 tttagTTTGT gtcggaaGCC tGtaattacn gctccagCTC atagtggaaT
51 ggctataactt agatttatgg atagTTGGT agtaggtgta aatgtatgtg
101 gtaaaaggcc taggagattt gttgatccaa taaatatgtat tagggaaaca
151 attattaggg tcatgttcgt cttttt

ugs095.seq Length: 202 July 9, 1997 19:17 Type: N Check: 52 ..

1 ttggTCACAG CCTTCTCAGC AGCAGCCTGC TCCtCCTTCT caatCTCCTC
51 tgggtCTCTG tagaagtaaa gatcaggcat gacCCcccAG gggtgctcac
101 gggagatagt acCTCGCATG CGGAGTACTT CCCTGGCCAG catCCACCAC
151 atcAGACCCA CTGAGTgAGC TCCttGTTGT TGCGAATTCC accACATggc
201 gg

ugs099.seq Length: 243 July 9, 1997 19:17 Type: N Check: 1968 ..

1 gttactactc tccaggTTAT gcacAGTCCA GCCCAGGGAC tCTCACCTCA
51 agcaaccagg caggaatgga gggccAGCCC ctaaAGACAA aaaaggatga
101 ggAGCCTGAG AGCGTAGAAG ggAAAGTAAA GAATGACGTC TGTGAGGAAA
151 agaAGCCGGA GCTGAGCAAT TCCAGTCAGC AGCCTCCGTC ATCAGCAGCG
201 gccaACATGT ACATGCAgTC CTGTACTACA CCAGTAGTCT acg

ugs100.seq Length: 266 July 9, 1997 19:17 Type: N Check: 4236

1 aaaacataat aaatgatctt agtgataagc taaaaagtac aatgcagcag
51 caagagcggg ataaagattt gatagagtctg ctctctgagg accgagctcg
101 tttgcttcaa gagaagaagc agcttgaaga ggaagtgagt aaactccgca
151 ctagcagttt tctttcctca gcacctgtgg ctgcagccca gagctctatg
201 gtgcgtgtgc atgagctcca gggcagcaga gagatcatca tggagacgca
251 gatgaaggaaq actgat

ugs101.seq Length: 234 July 9, 1997 19:17 Type: N Check: 7846

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1 cccaggacca gatgggttta gtgcagagtt ctatcagacc ttcaaagaag  
51 atctaattccc gggttcttcac aaactattcc aaaaaataga agtagaaagg  
101 actgtaccca actcattctc gaagccacaa ttactctgat acctaaacca  
151 caaaaaagacg caacaaagag aacttcagac caatttcctt atgaatatcg  
201 atgcaaataatgc tcaataagtt ctactaacgaa tcag
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ugs102.seq Length: 204 July 9, 1997 19:17 Type: N Check: 2431 ..

1 gatttttttt tttttttttt ttttttaat tctttttttt ttcccttcctt
51 cctctttttt tcctctctct cctcctaata caacactttttt ttagtaaggg
101 gaataccatg atgtcgctct agccccggccc ctgttagattc gaccccgaaaa
151 cctgctgtta aaaccactgt agaatcgaga cgagactgtttt gtatgtggta
201 gtcc

ugs103.seq Length: 205 July 9, 1997 19:17 Type: N Check: 1389 ..

1 gaaatgattt cagtccacct ccgtacgtta tactcgtgtt ttaccgaagt
51 tatcacttca caaaaagctag agtatgggtt ttaagtaagc agggacattc
101 atgccttcat ctttgaaaaa tcttgtgaaa ctaggaatga agtctaaggg
151 gtatagacga gtcctcataa accgcagaga tagcgttaacc ccatatgaca
201 caagg

ugs104.seq Length: 227 July 9, 1997 19:17 Type: N Check: 4418 ..

1 gaattcgtaa aattacacat gcaaacctcc atagaccggt gtaaaatccc
51 ttaaacatTTT actttAAATT taaggagagg,gtatcaagca cattAAAATA
101 gcttaagaca ccttgcctAG ccacACCCCC acggactcag cagtgataAA
151 tattaAGCAA taaACGAAAG tttgactaAG ttatacctCT tagggTTGgt
201 aaatttcgtg ccagccacCG cgtcata

ugs105.seq Length: 218 July 9, 1997 19:17 Type: N Check: 4098 ..

1 ggTTTCCTA catcttacAA tggactaAGA AAAACATCAC ATATGTGTCC
51 tcattCCTTT tcATCTTACA CCTAATTAGG gagacacCAA TgCCCATGGA
101 aaggCTGTTT CCAATTtTA aagatacaAC acacaaggAC agggCTAGAA
151 aaggacgaAG tacaatgtct agctataCTG tgacaatgtt tcataatACA
201 gtgtgctcCT tacgttagg

ugs106.seq Length: 176 July 9, 1997 19:17 Type: N Check: 2393 ..

1 ggTTTCGA gacagggttt ctCGTATAGT CCTGGCTGTC CTGCTGAAAC
51 tcactttata gaccagggtg gcctcgAACT AAAATCCGCC TGCCTCTGCC
101 acccgagtgc tgcgattaaa gtcgtgcGCC accacgacCT ggtctttgt
151 ctttctctta atcagcttcc ctataa

ugs107.seq Length: 182 July 9, 1997 19:17 Type: N Check: 1431 ..

1 gtGAATNGGA gggTggaggg agcaggagat gCcCTCCCCC agCTCCTGGT
51 atggacacCT cacttcttgc ataaATCTTG gcatcttctg CCTGCAATGC
101 tggCTCCAG CGTCTCGGAG ggggtcacAG nCTCATCGTC atgCTCGGAG
151 aataattgtc gttctggaAG gagtgGAGGA AG

ugs108.seq Length: 213 July 9, 1997 19:17 Type: N Check: 1055 ..

1 agagtgtgac agtctcattt gtgcagatga ggaagctgag gctttcaga
51 gtcctataagg ctggttctcc cagaggaagc ccacacagag agtgttaggg
101 tttgagctct aggtggtcaa cacctgcagg ggaccaaaac tacccagcag
151 gactttcctc tctgagaggg gagagagcag tccagccact gtcgttgcc
201 ctctgagaca ggg

ugs110.seq Length: 154 July 9, 1997 19:17 Type: N Check: 3178 ..

1 gcaataagca accgtttatt tataaaacca aagaagagag aaaaaaaaacc
51 aaacttaatt attttacgac atcttataga ttaagtaaaa ataccagtat
101 caatatatat gtatatacat agtgcataata tatatgtcag atgatatggt
151 aaca

ugs111.seq Length: 213 July 9, 1997 19:17 Type: N Check: 1757 ..

1 ataaaatggt attaaaaaaaa ataacgtgtg aagaattatg catgaaacac
51 tagggcattt ttctgaagga gaaaagaaag cagtcattct cacaccagca
101 gaggttcaac acaaggttct ggctggaaat tccaccggct cctatttctc
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201 gttctggaac ttt

ugs112.seq Length: 212 July 9, 1997 19:17 Type: N Check: 2 ..

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101 tcttgggtac agagcagggg aggagatgct gggggactg cacttaataa
151 aggccgtatg agacattcat aggtactggt gatgcagatc attgtggcc
201 caggatgtct gg

ugs113.seq Length: 199 July 9, 1997 19:17 Type: N Check: 8011 ..

1 ctgtcttaa tcaatcagga aagtatcaca caatcactgt gtctttcaa
51 tacactgtgt gctccagaaa gactcttgc gcatccactt ctttccttc
101 tgttgcagt tatagcctcc tccagccagg tctcacctcc agccaggtct
151 ctccccgccc ccccccgcattt ggtcttagttt gtgtgtctcc ggggcgggg

ugs114.seq Length: 209 July 9, 1997 19:17 Type: N Check: 6965 ..

1 aaatatttca aaataactgat aaataaatgt gactgcaagc agaattccag
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101 tgcacagacc cccaaaggca gctcggtgtgg ggatgtacctt gttcagctca
151 tggaccatgg aggtatctct gtgacccttc atcaccatct cgtgttcttt
201 aagttcgtt

ugs115.seq Length: 206 July 9, 1997 19:17 Type: N Check: 5572 ..

1 gtttcacnc gctggngtt tggcttca tcacatttgt taacaggta
51 aaatgcagan cttcgtaag accctgaccg gcaagaccat caccctagag
101 gtggtgccca gtgacaccat cgagaacgtg aaggccaaga tccaggataa
151 agagggcattt cccctgacca gcagaggctg atctttncg gcaaggcact
201 ggaaga

ugs116.seq Length: 158 July 9, 1997 19:17 Type: N Check: 9904 ..

1 ctcgagcggc cgctcnccg ggagtcagaa gattgaggta aatcttcata
51 atgagtggat acctgtcatc aggctcactg agtggggaaa ggagctcctt
101 ctcttcata ggagagaaca ttctgtccg aaaaagctat cttcttcata
151 ctgagagg

ugs117.seq Length: 228 July 9, 1997 19:17 Type: N Check: 3335 ..

1 gctaacnccc gagctgctcg gatgagccct ccagcactct ccaacattga
51 tcttagcaga gattacaatg ggctccatgg ctgctctgcc ctcaggcgt
101 atctggcag ggacgctggc gaactcaggg aaggaggcaa aggcactcag
151 gttatccaca gcttccagca gagggctgtg gctgctcggc actgggcacg
201 gttctttct gtgaagtccc atctagtg

ugs118.seq Length: 229 July 9, 1997 19:17 Type: N Check: 3291 ..

1 gcggaannng aggggccaac taagaacacc aagaattctc acagaatgac
51 tgaacttaag agacctactt gtatgtcaat cttagatctca gagtaccacg
101 cacaccatgg aatctccagc tagcttctag gctgagttt acaaagcagg
151 agagagggtt tatacagtag ttgctaagtg ttgcaaaggg cttttcccc
201 aaaggttcgt gtgcctgaga gtgcgtatg

ugs119.seq Length: 251 July 9, 1997 19:17 Type: N Check: 6233 ..

1 atcaaagacc cctaaatcaa gagaccatac catagattag aagactcaac
51 ccaattaaaa tgtcaattct tccttcaatc aatatataaa tgtaatgcag
101 ctttctataa atatctcagc aaagatttt gtggacatag agagtttatt
151 ctaaaatagg gtgaaagatg ngaggcagag gcaggtggat ttctgagttc
201 aaggccagct ggtctactgt gtgagttcag gacagcaggo tacacagaga
251 a

ugs120.seq Length: 223 July 9, 1997 19:17 Type: N Check: 992 ..

1 gaaagagtgc gtttcgggtgg aggaagctag gaagaaggag ccatacggat
51 gtgggttgta agctggaaa gggttccagg atgggtggac gagangttgg
101 tcatgaagct agctggcggc ttggctgtc aactgcncgg aggaggcag
151 caggcattgt ggagaggata gatagcggct cctagaccag catgccagt
201 tgcaagaaag gctgcaggaa gag

ugs121.seq Length: 190 July 9, 1997 19:17 Type: N Check: 5310 ..

1 ctgaaatcac atatttgtaa tcatgaagaa acccaggaga gaatgccaaa
51 ataaattgtt tttctttgct gggatctaaa acatcaaggt tcgagagagg
101 agggagtggg gaaaggagga gtgggggaag ggaagagagg agagagagga
151 ggagattaat ggctctgctt tctaaacacc taggatataa

ugs122.seq Length: 230 July 9, 1997 19:17 Type: N Check: 5917 ..

1 ggacgacgat gcttagcgcc ccggctgcgg ctgcgggtgcc ggagcccgag
51 gacattagcc ctaaagacgg agagcacaca agagcaagct ctagacggcg
101 tnnnngccag gtcggaaatg agcccagcag tttcctcggt taggaaccca
151 acccctgggt tagcagccac cttcacagat tcgaacgagt ggttccagac
201 tataaaccaa ttccacaggt aagataagta

ugs123.seq Length: 259 July 9, 1997 19:17 Type: N Check: 5359 ..

1 ggcccagctg ttttcagga gcactgctca gggttggcca cctctgtttt
51 tcccttccta ttctaggacg tagagtcaga ctctgccaag cagttcttgc
101 tggcagagtc agactctgcc aagcagttct tgctggcagc agaggctatt
151 gatgacatac ctttggaaat cacgtccaac agtggtgtgt tctccaagta
201 ccagctggac aagatgggtg ctcttaagaa ggtgagtgcc ctnnctgtgc
251 cagggaggc

ugs125.seq Length: 246 July 9, 1997 19:17 Type: N Check: 261 ..

1 cacaaaacgg ttttgcctt tccttggta aatttcttac ctcttcctac
51 actgctactt tggcatgtac atatccagat caccagcctt ctatttcaact
101 gtgagccatt attaagtaaa ttaaaggta tttgaatgca agcatgaata
151 gcactgttgtt ccatctgaca accaaaccag cagatcaacg tctgagtgtat
201 ccatgggtgg acccctacag cgtgaagcag ggatagctta tacaag

ugs126.seq Length: 233 July 9, 1997 19:17 Type: N Check: 9574 ..

1 accgtacttc ctctgtatgg ctctcagatg gacccttgggt tgtgtttcac
51 catttctta catttactta tttgtgcgtg tgtatacagc cagggtgctc
101 acatgggggg caaaggacag cttgccgaag ttggttctct cctctacca
151 cgtgggtcca gggattgaac tcaggtcaat caggcttgcgt gagaaggata
201 ctccatagcc aggctagact caacttcgat ctt

ugs127.seq Length: 235 July 9, 1997 19:17 Type: N Check: 8424 ..

1 ccgtaaacctt agtaaacctac gtgactttgg aaagtctgca cccagataac
51 atgggtgcagc ttctaagtag caaaagggtt gttgtgccaa ggtagcagg
101 acacagtaac agcagcctca ccaacagacc caaaagacctg gtgagacagc
151 tcagtggca aaggacttg ccaccaatct aataaccgag ttcttcagac
201 tcagtagtgg aaggagagac ctgacgcctc attgt

ugs128.seq Length: 235 July 9, 1997 19:17 Type: N Check: 1754 ..

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151 atggatgtgc tgatggatca gcactttaca gaaccactcc ttcatgtcag
201 gattcttgct ctttagtggca ggatatgtgg cattg

ugs129.seq Length: 199 July 9, 1997 19:17 Type: N Check: 3 ..

1 ctagaatcct gggattatgt caataacaag aatttagcaca ttatacttca
51 tagacattaa tttcatcttt catgtacatt atgaatacag agaaacaact
101 catctatccc caatggtcac atgccatacc aattgtgtaa atgttctgaa
151 aaatattatt tacagtgtta atatccaca atggaggcaa ggattgttg

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1 gccgtgcct gtaaaacaag aaccacaaaa agataaagac aacctgaagg
51 aaagttcct gccagccccca ggtcccccac agtgacactc gtaactggca
101 gaagttaaa cttgaatggt gaattaaat gaatcactta gtaggttgaa
151 attagagac ctatgtttt taatcttaat cttc

ugs133.seq Length: 217 July 9, 1997 19:17 Type: N Check: 5381 ..

1 cgagtcaagg tttctctgtg tagccttggc tgcctggaa ctactctata
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101 ggattaaagg cgtgtgcata actaccacgc ttaatatttt taataagaga
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201 ctcagatctg aggagtt

ugs134.seq Length: 212 July 9, 1997 19:17 Type: N Check: 9246 ..

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101 gaaagcaaac gcaagggcgt ggacaatgac aaccctgact gcctctgtgt
151 caaagtctgc aagtagctga agtgattatc acagtttagca tggactgagg
201 aggaggctca ag

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201 cttacaggga tcaggctcag gcccgtatgtt atgca

ugs136.seq Length: 145 July 9, 1997 19:17 Type: N Check: 6709 ..

1 ccgccttcgt gcgctggcnt cagcttcttc cggggatccgg cttcggcttc
51 ctctttctgc ttctgcagtc nctcctgctc ctctgctca gcctgcccct
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ugs137.seq Length: 216 July 9, 1997 19:17 Type: N Check: 9271 ..

1 gtctccttca tgacagggac gtcattttcc taatggcatg gtttcagaat
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201 ccacaacctg gatgcc

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ugs140.seq Length: 247 July 9, 1997 19:17 Type: N Check: 2303 ..

1 gtggaacctt cctggattta cggtgacttt gtccatatgt tcaaacagat
51 agttgttagtc taactcgaca ttccctgaggg cccggacagc atctcagtcc
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51 cggccccgcc gtcgtcaaga agcaggaggc caagaaggtg gtcaaccctc
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51 tcagatagtc acacaggaag ctatccctt acccggatg tctgtattgt
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201 gatatgatga ggttgactct tc

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201 tac

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51 gtttccata gtcaccatct ccccagctga agacttcacc ttctgttagta
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ugs153.seq Length: 192 July 9, 1997 19:17 Type: N Check: 5890 ..

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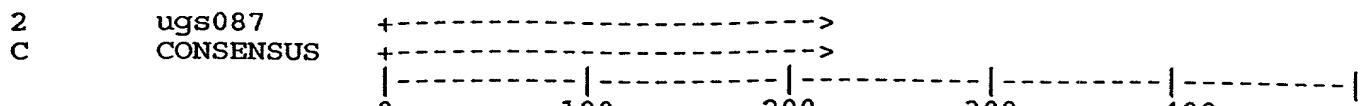
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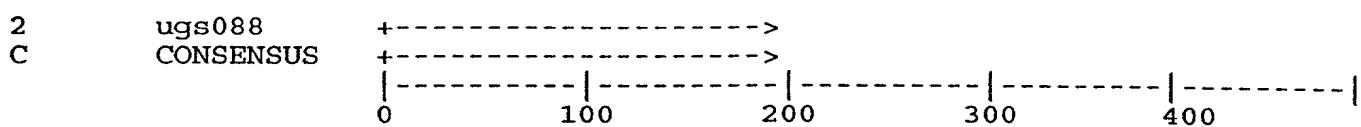
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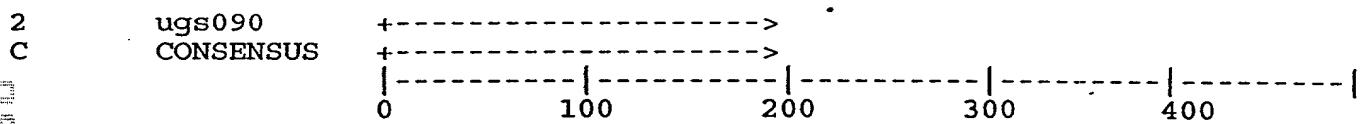
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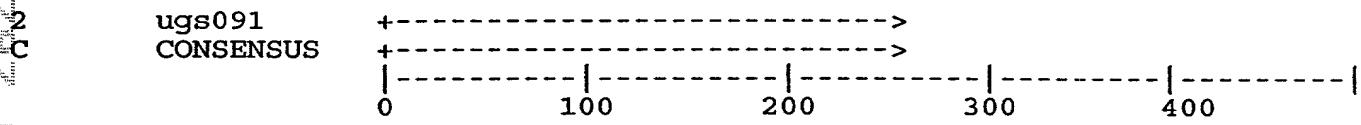
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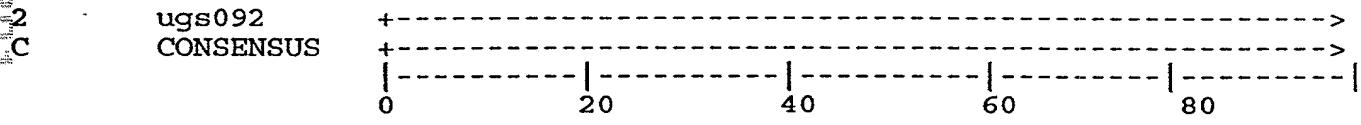
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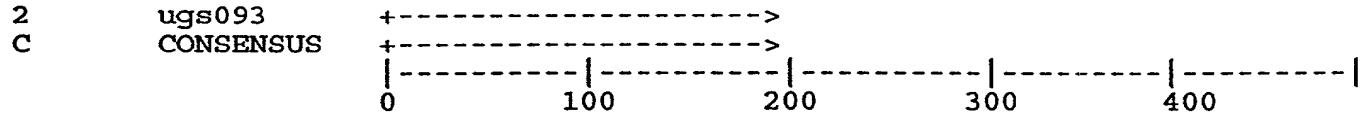
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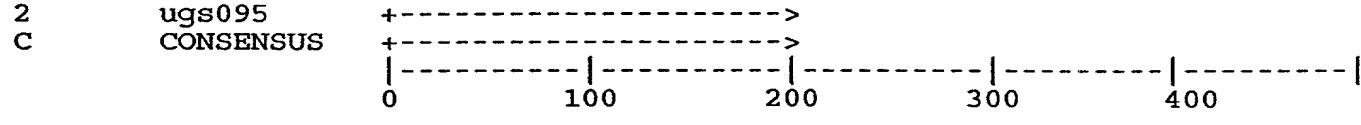
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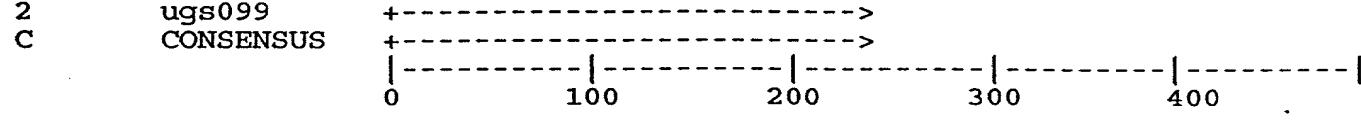
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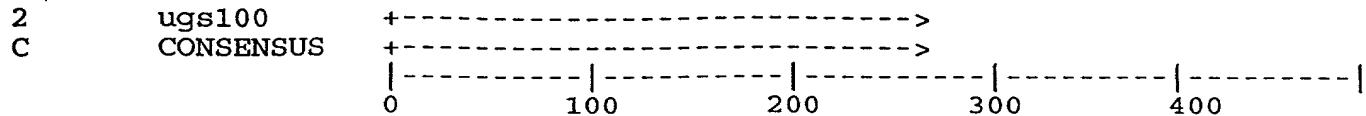
Contig: ugs095



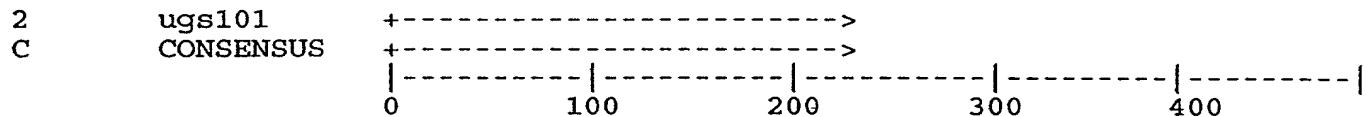
Contig: ugs099



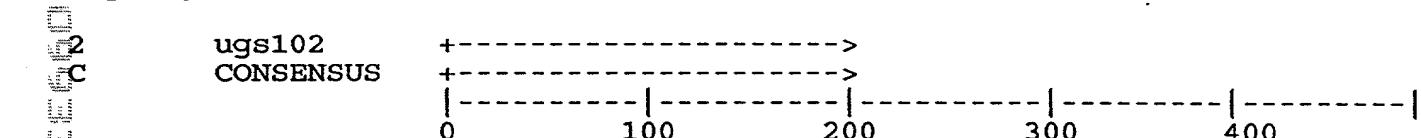
Contig: ugs100



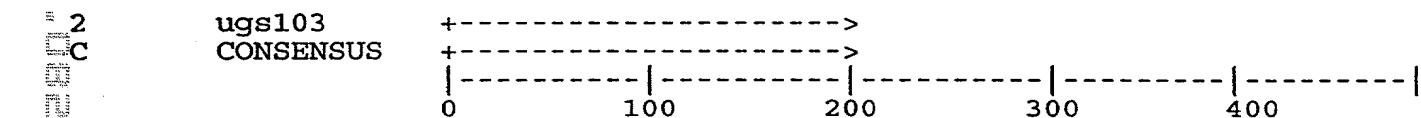
Contig: ugs101



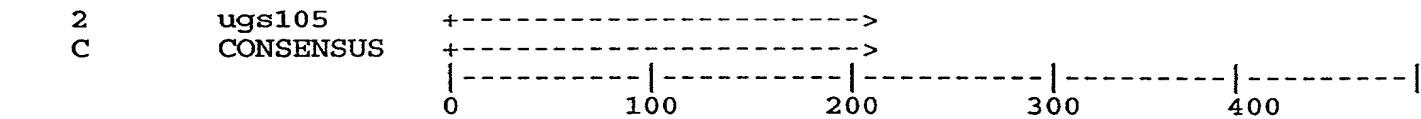
Contig: ugs102



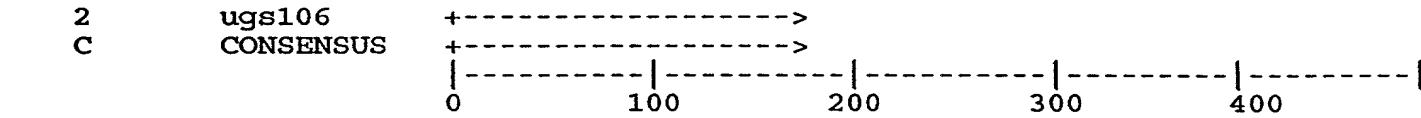
Contig: ugs103



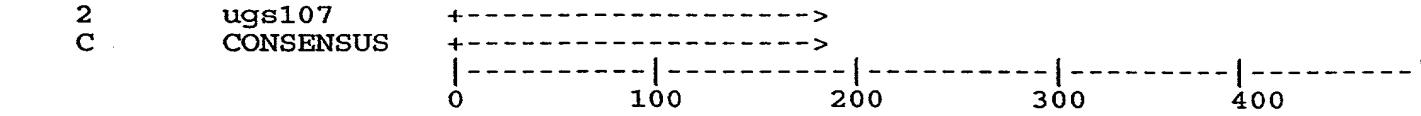
Contig: ugs105



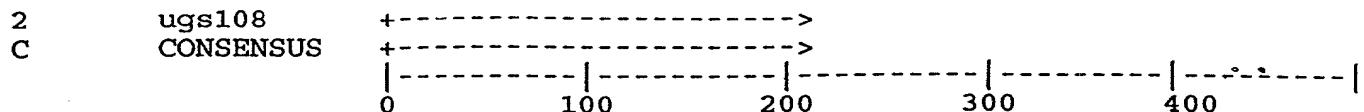
Contig: ugs106



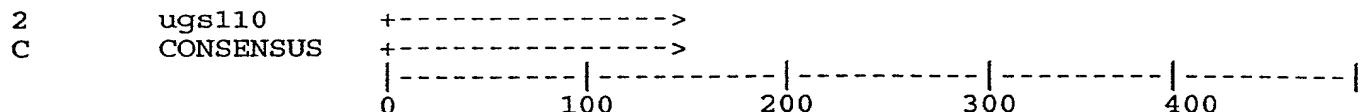
Contig: ugs107



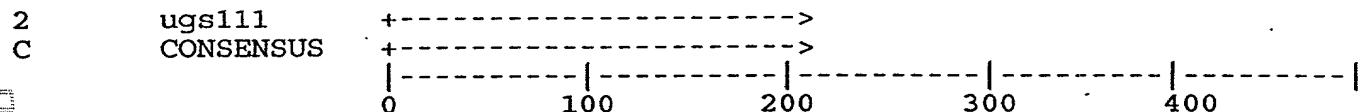
Contig: ugs108



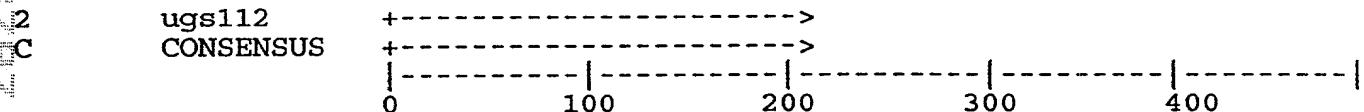
Contig: ugs110



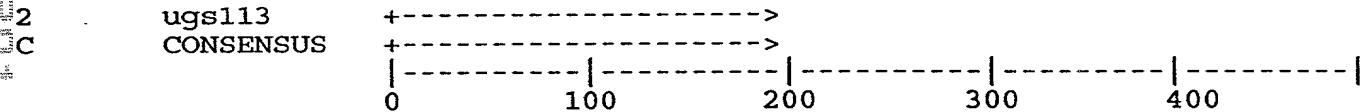
Contig: ugs111



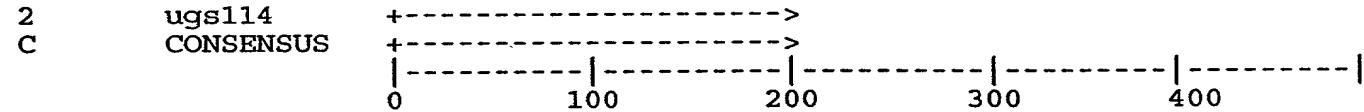
Contig: ugs112



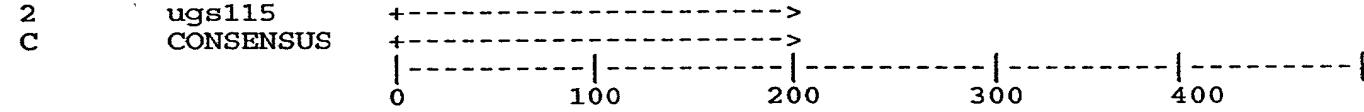
Contig: ugs113



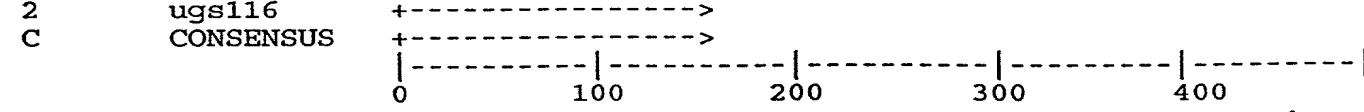
Contig: ugs114



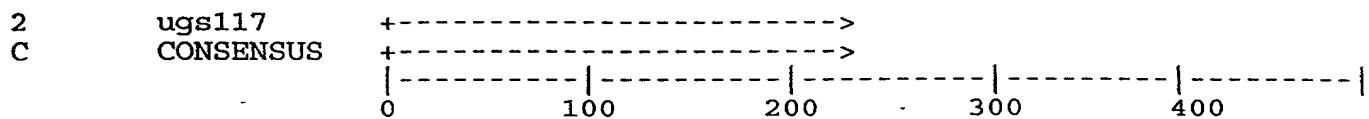
Contig: ugs115



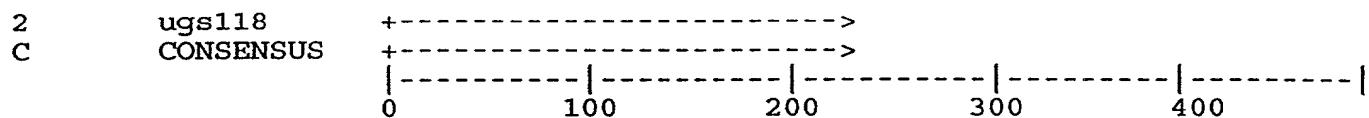
Contig: ugs116



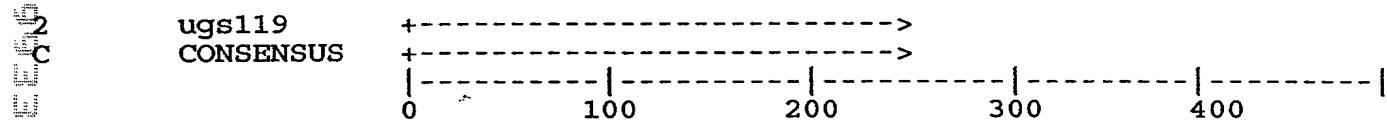
Contig: ugs117



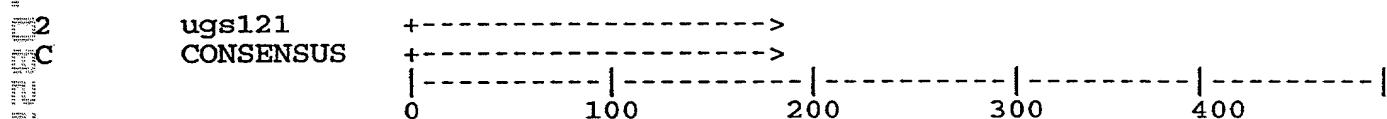
Contig: ugs118



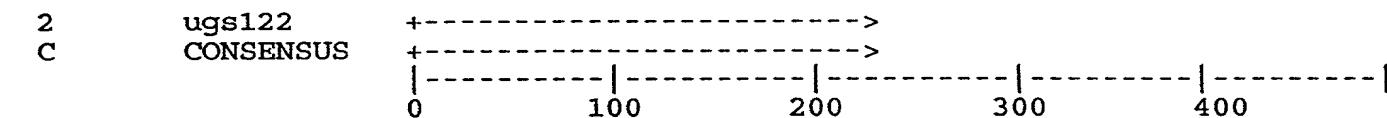
Contig: ugs119



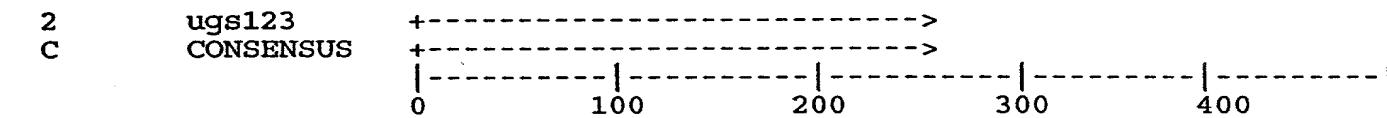
Contig: ugs121



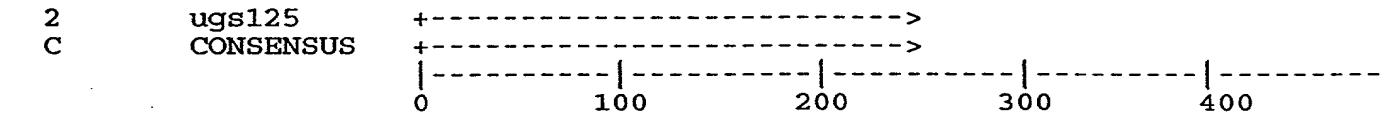
Contig: ugs122



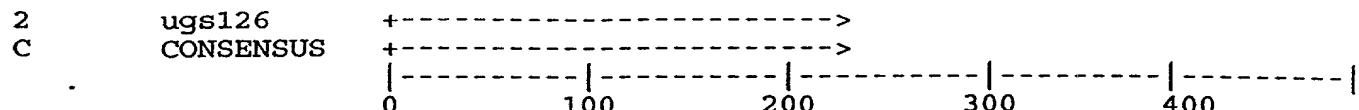
Contig: ugs123



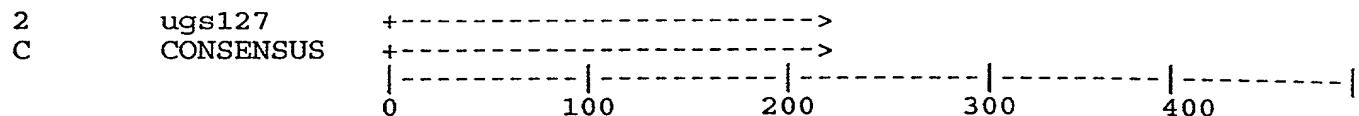
Contig: ugs125



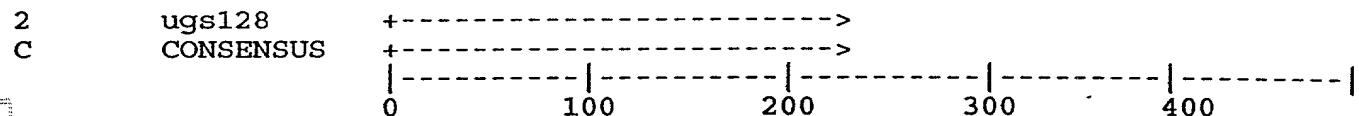
Contig: ugs126



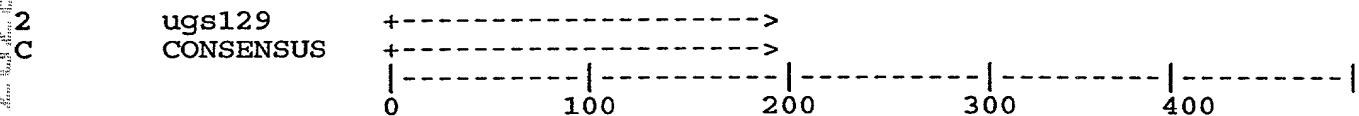
Contig: ugs127



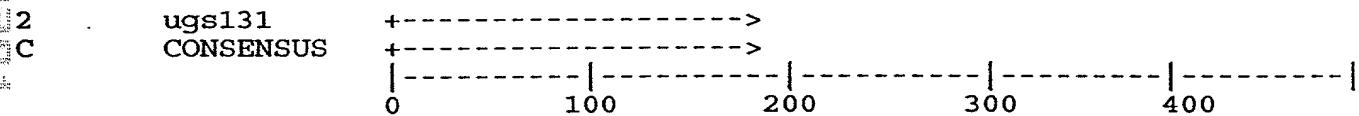
Contig: ugs128



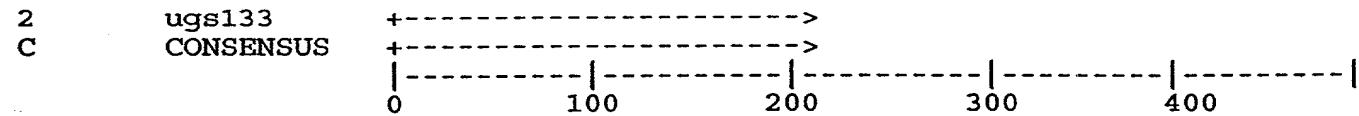
Contig: ugs129



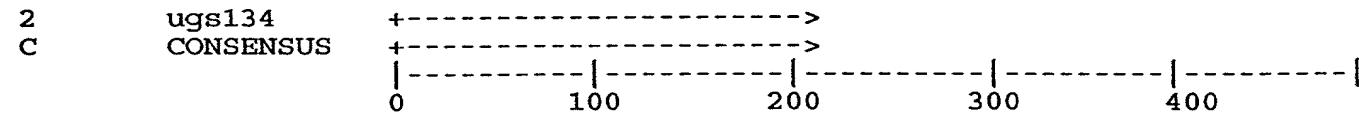
Contig: ugs131



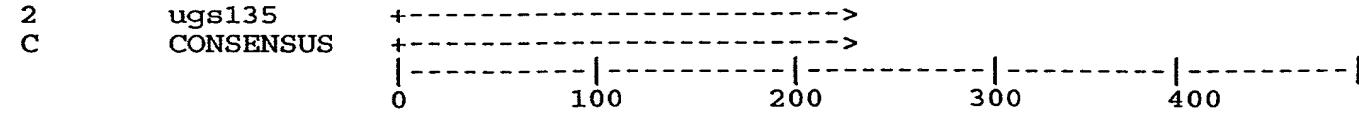
Contig: ugs133



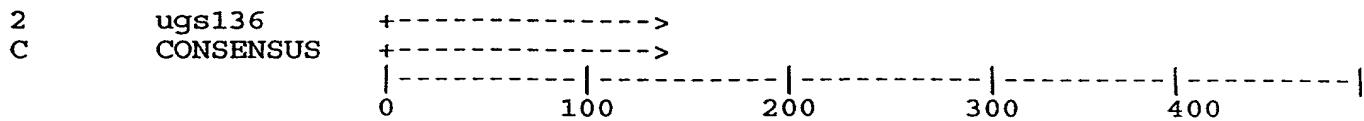
Contig: ugs134



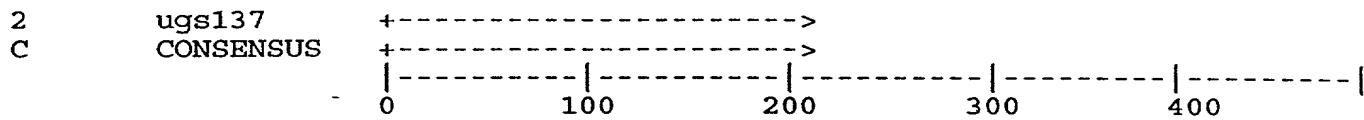
Contig: ugs135



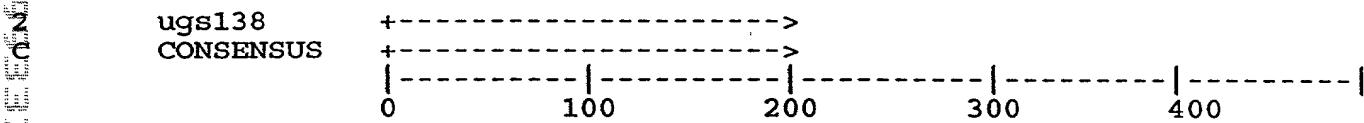
Contig: ugs136



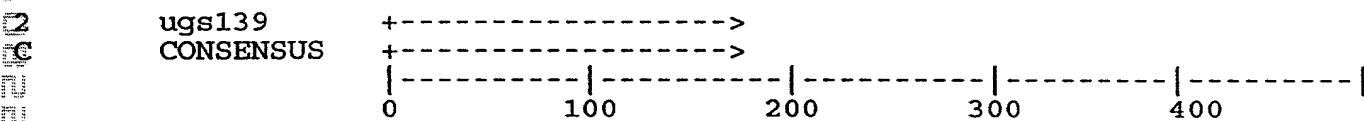
Contig: ugs137



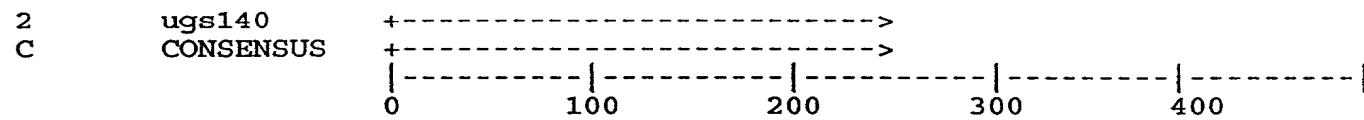
Contig: ugs138



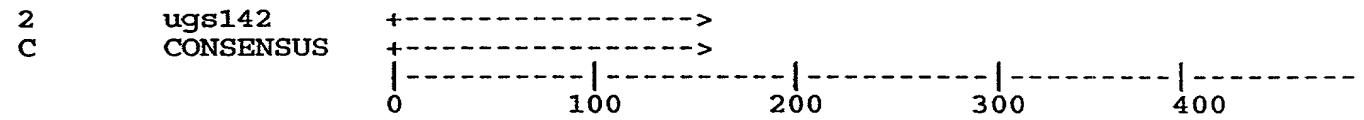
Contig: ugs139



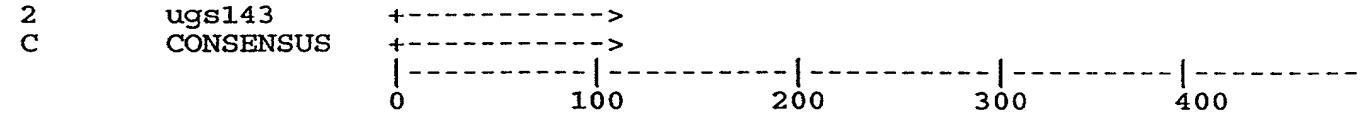
Contig: ugs140



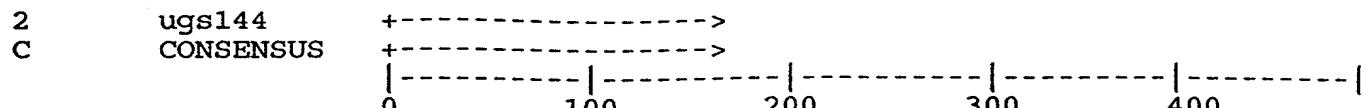
Contig: ugs142



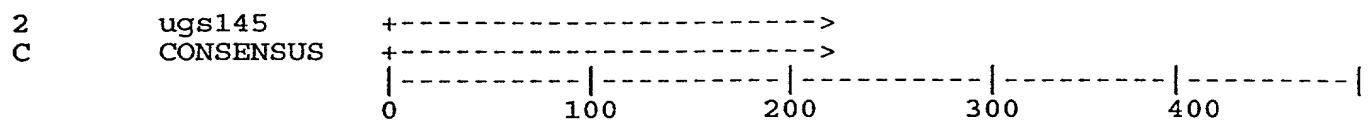
Contig: ugs143



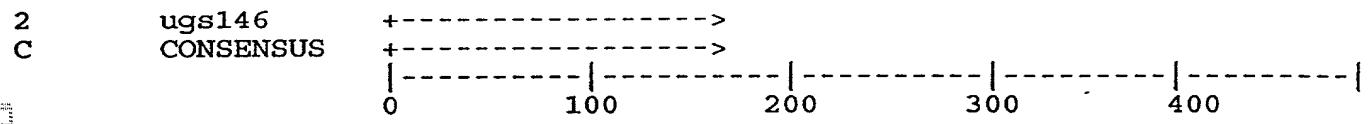
Contig: ugs144



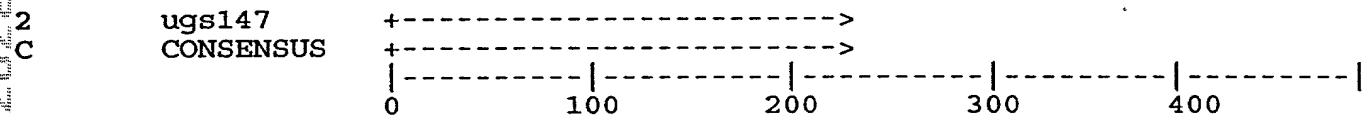
Contig: ugs145



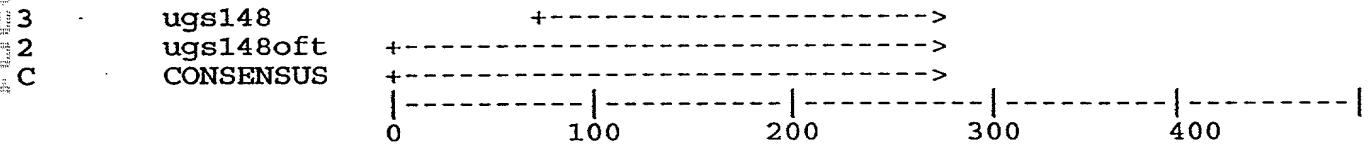
Contig: ugs146



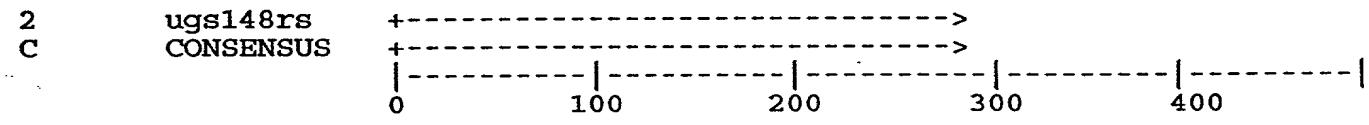
Contig: ugs147



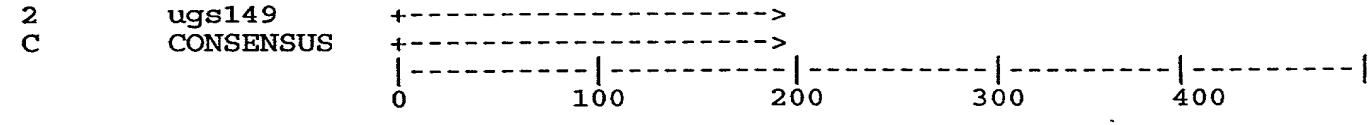
Contig: ugs148oft



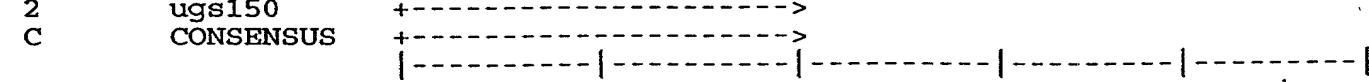
Contig: ugs148rs



Contig: ugs149

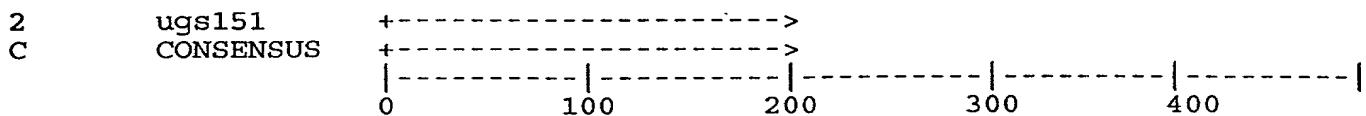


Contig: ugs150

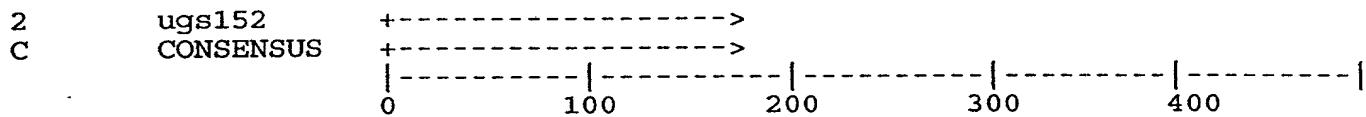


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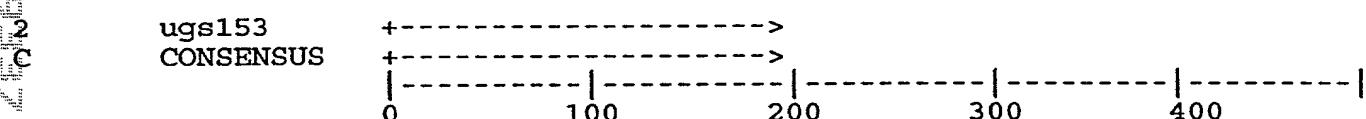
Contig: ugs151



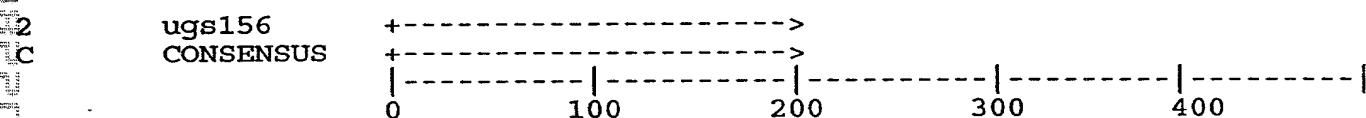
Contig: ugs152



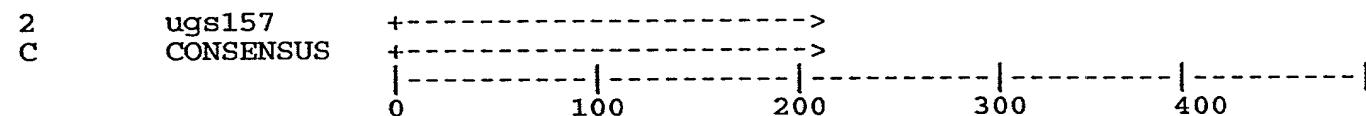
Contig: ugs153



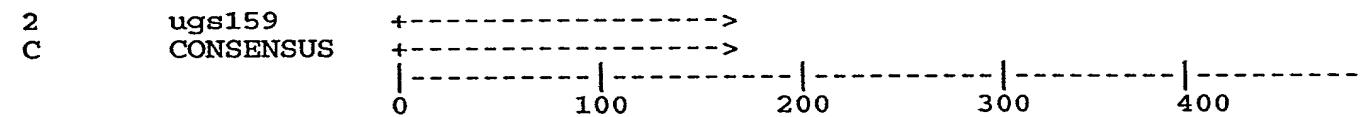
Contig: ugs156



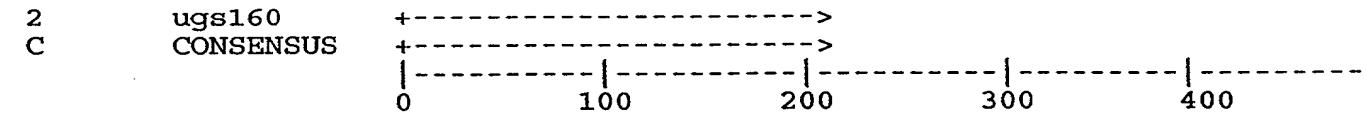
Contig: ugs157



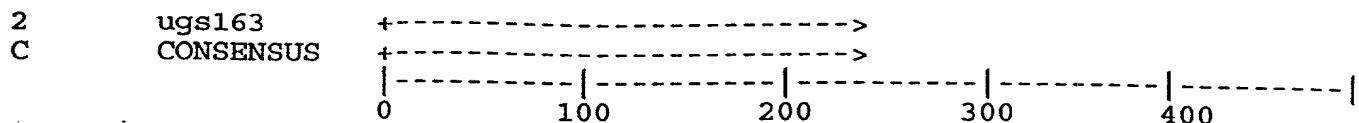
Contig: ugs159



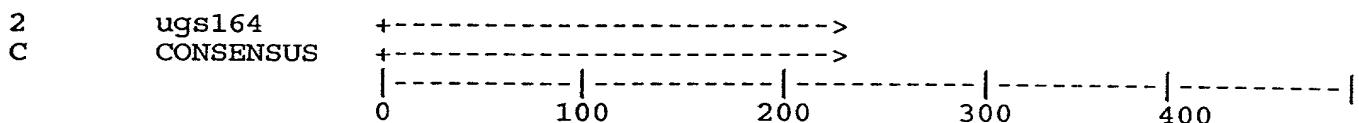
Contig: ugs160



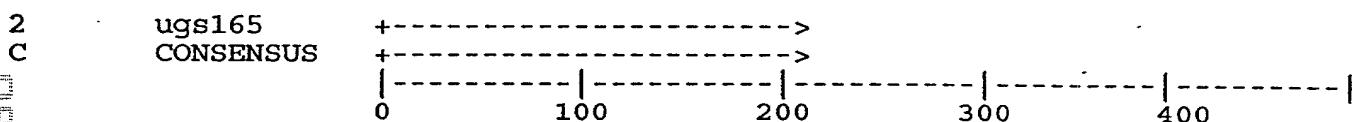
Contig: ugs163



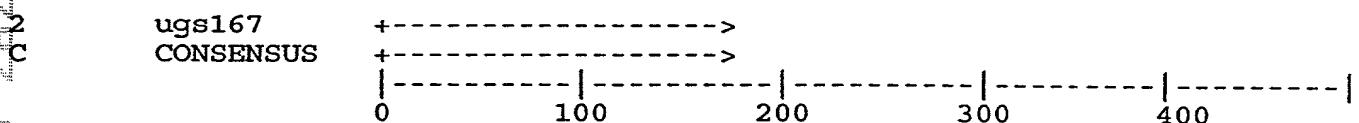
Contig: ugs164



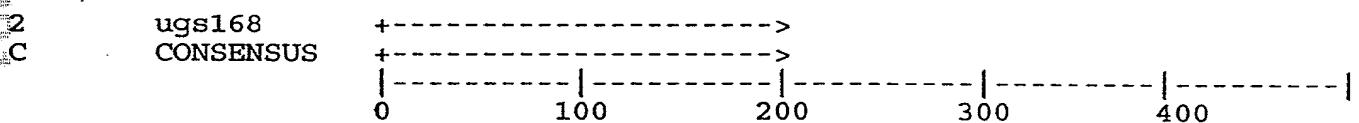
Contig: ugs165



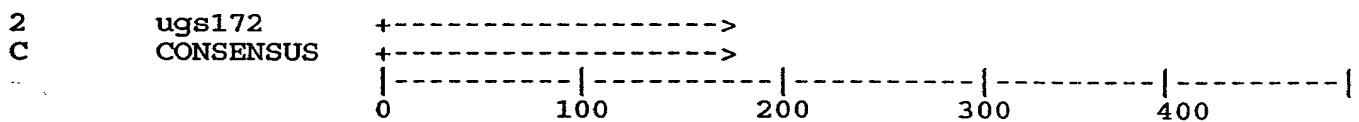
Contig: ugs167



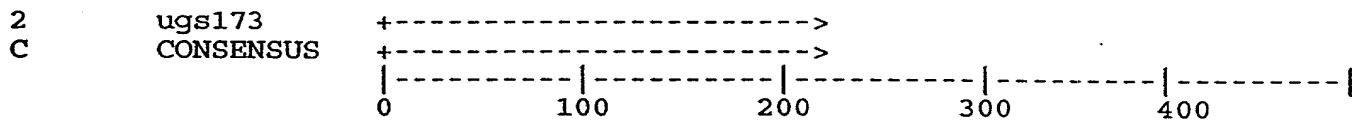
Contig: ugs168



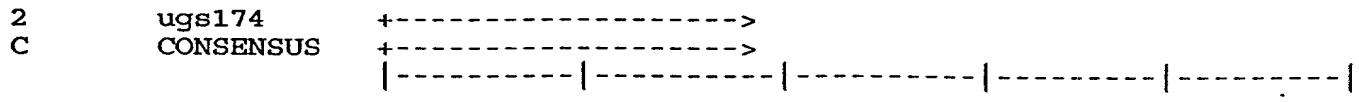
Contig: ugs172



Contig: ugs173

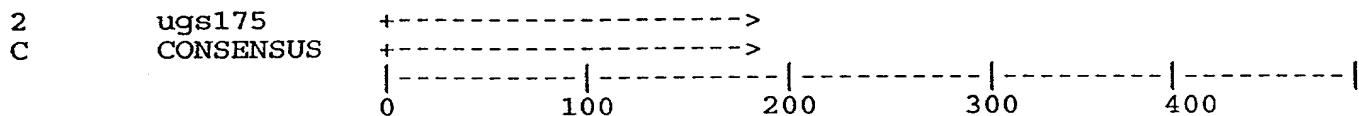


Contig: ugs174

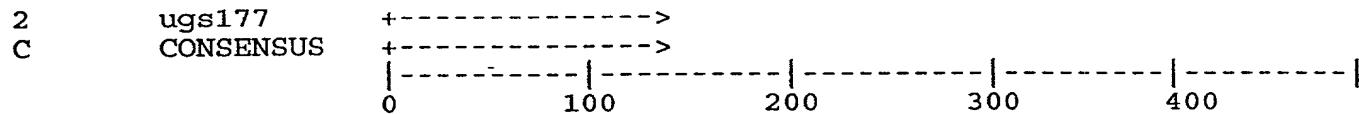


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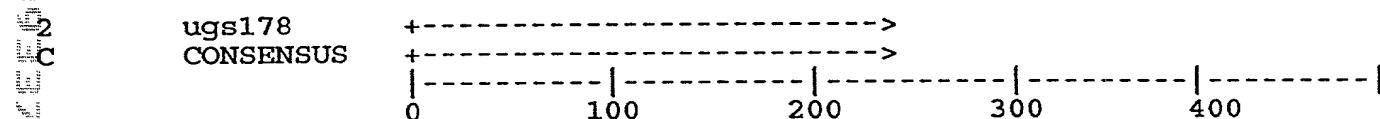
Contig: ugs175



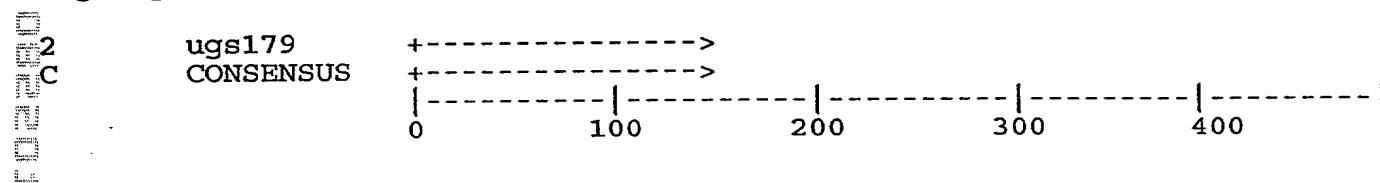
Contig: ugs177



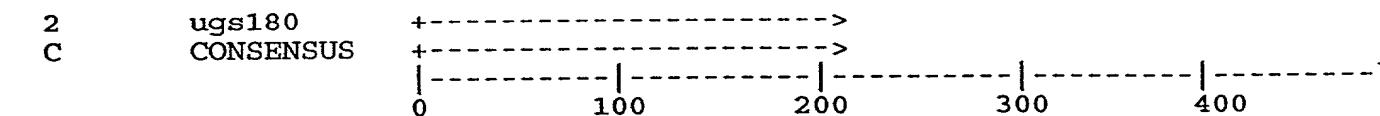
Contig: ugs178



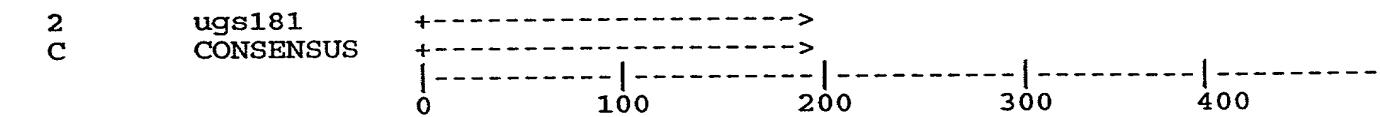
Contig: ugs179



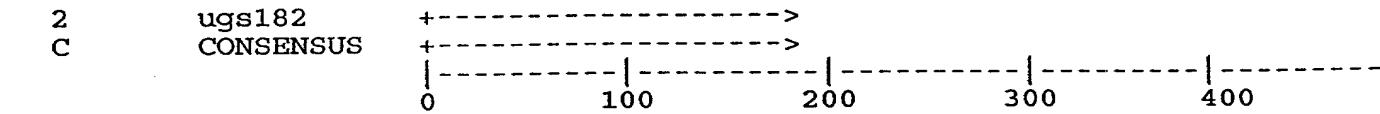
Contig: ugs180



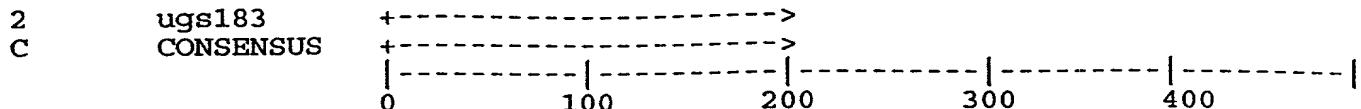
Contig: ugs181



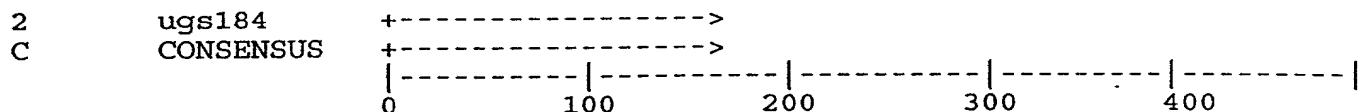
Contig: ugs182



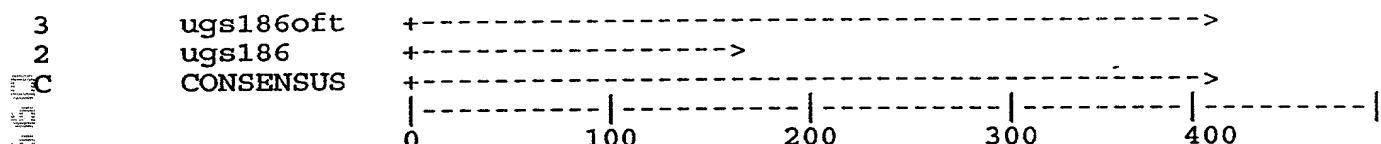
Contig: ugs183



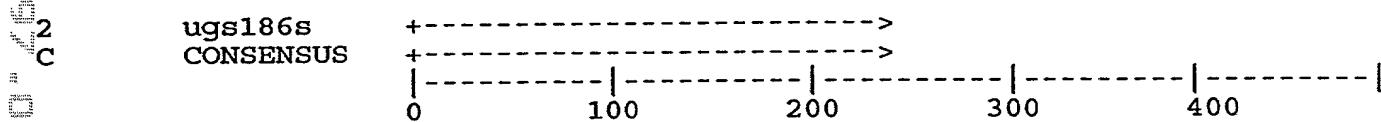
Contig: ugs184



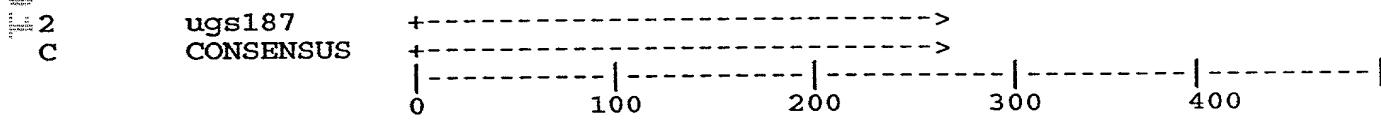
Contig: ugs186



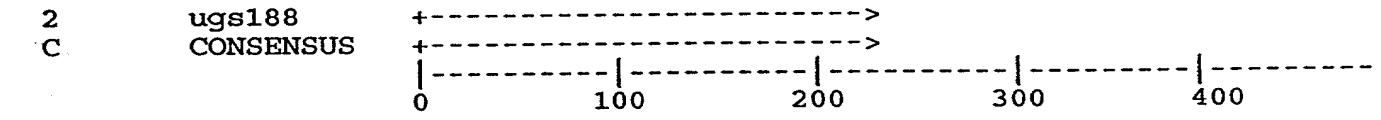
Contig: ugs186s



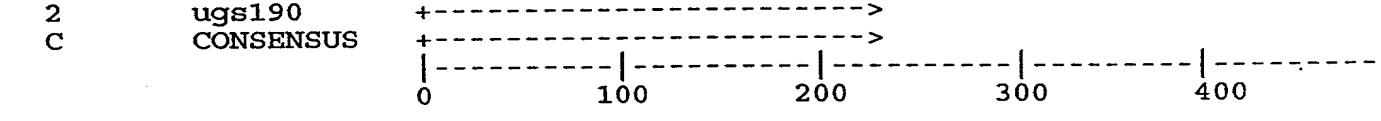
Contig: ugs187



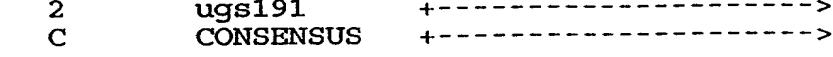
Contig: ugs188

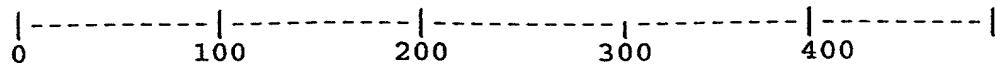


Contig: ugs190

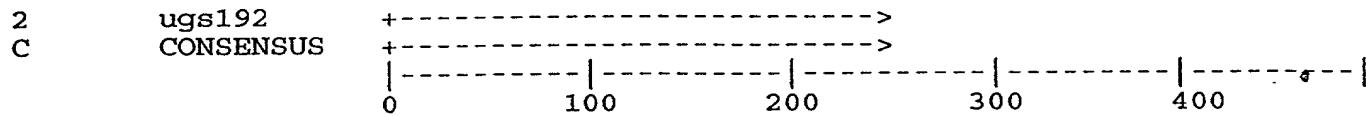


Contig: ugs191

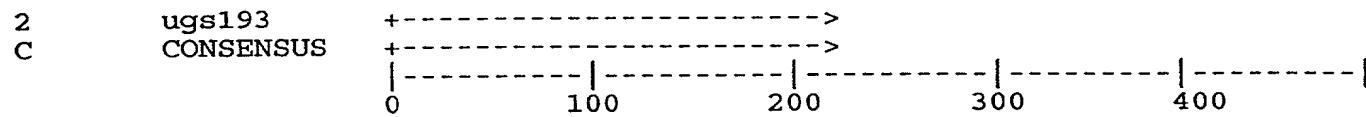




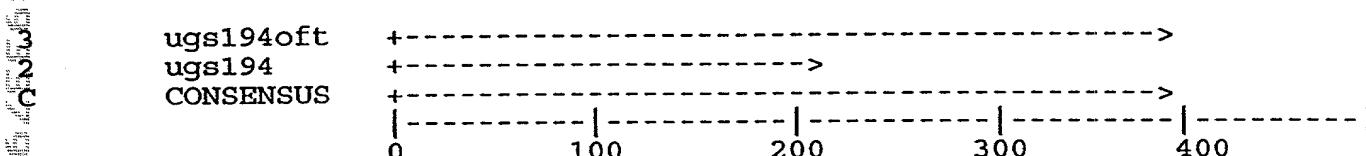
Contig: ugs192



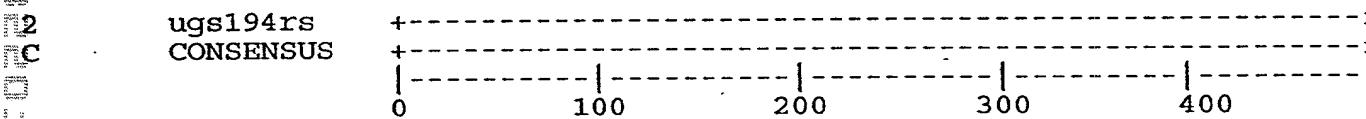
Contig: ugs193



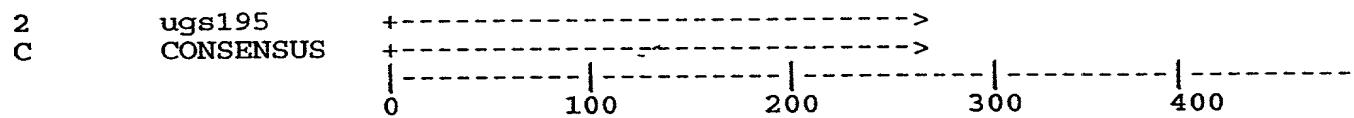
Contig: ugs194



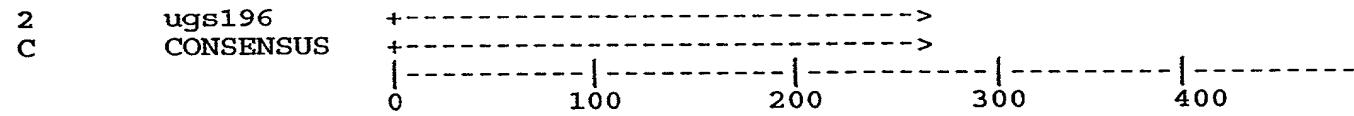
Contig: ugs194rs



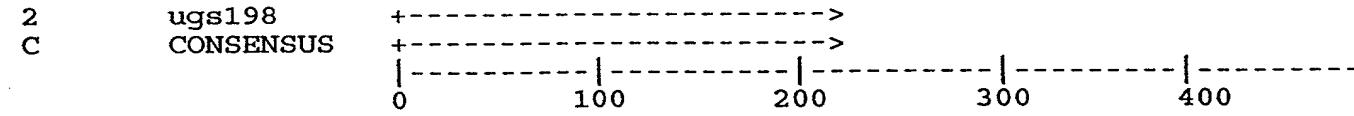
Contig: ugs195



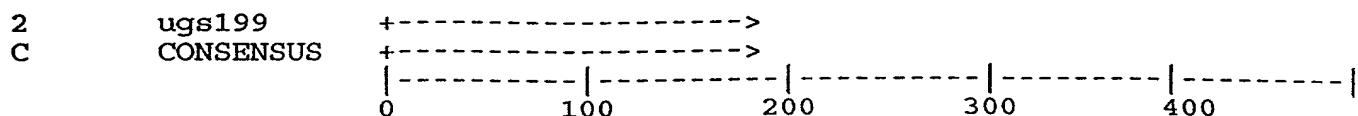
Contig: ugs196



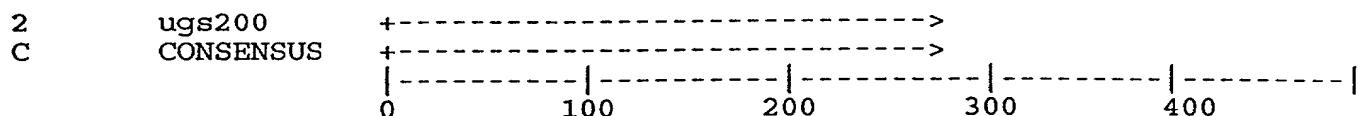
Contig: ugs198



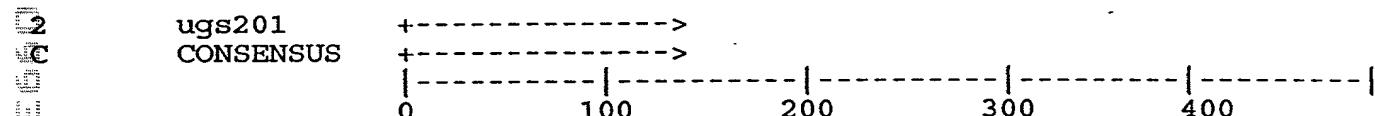
Contig: ugs199



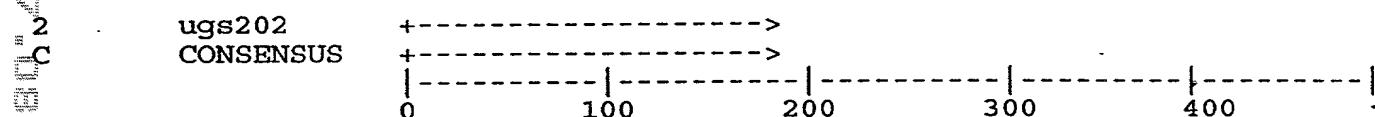
Contig: ugs200



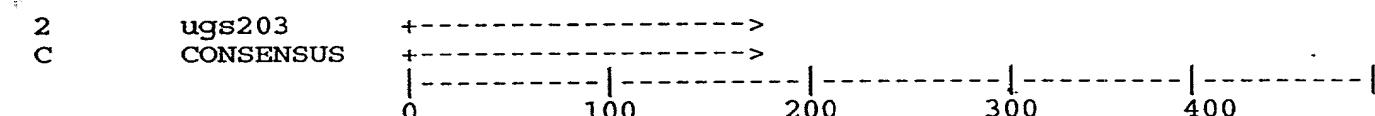
Contig: ugs201



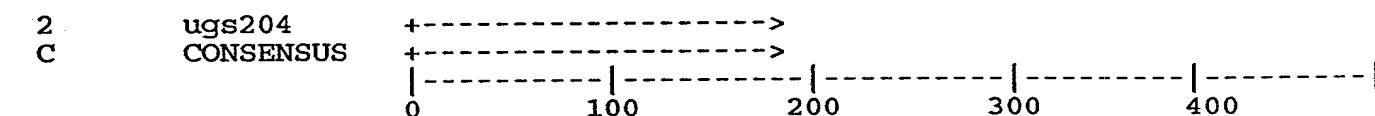
Contig: ugs202



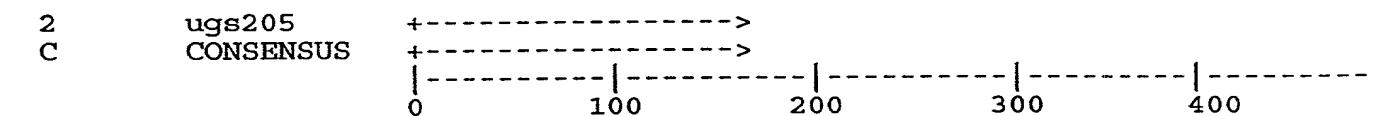
Contig: ugs203



Contig: ugs204

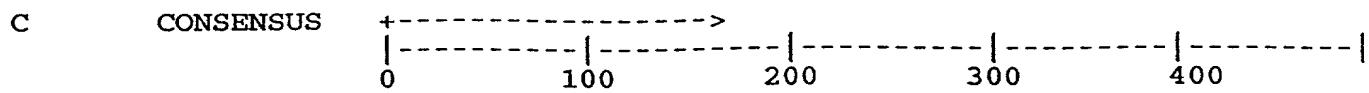


Contig: ugs205

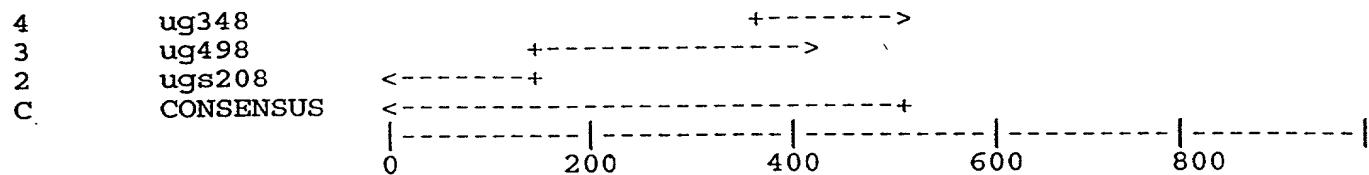


Contig: ugs206

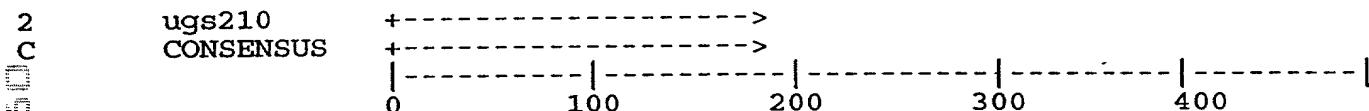
2 ugs206 +----->



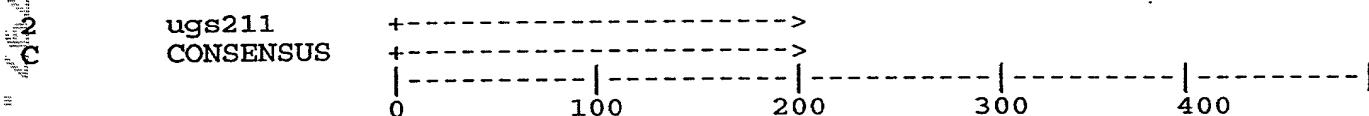
Contig: ugs208



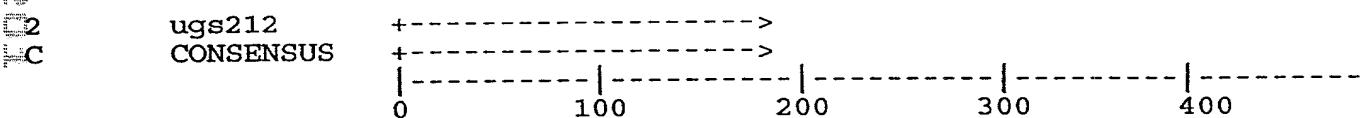
Contig: ugs210



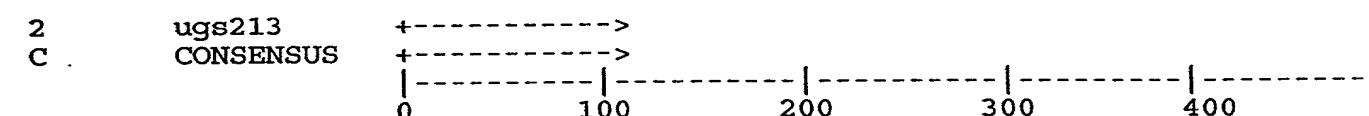
Contig: ugs211



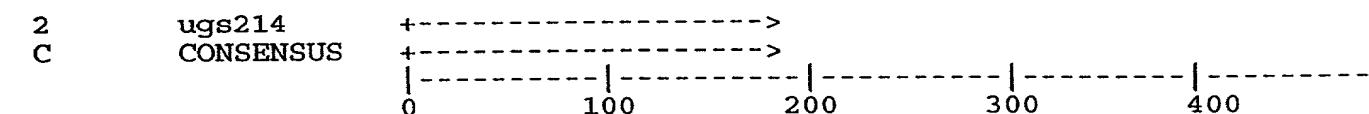
Contig: ugs212



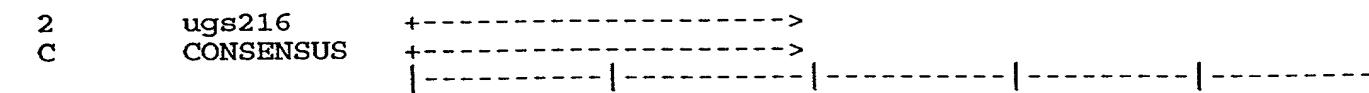
Contig: ugs213



Contig: ugs214

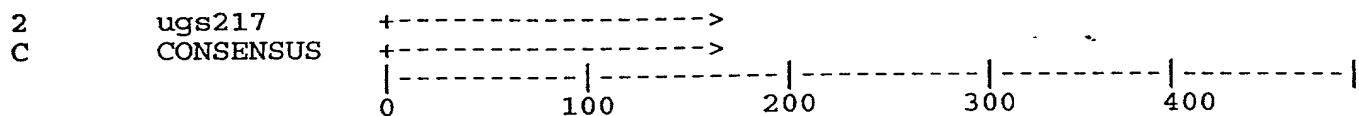


Contig: ugs216

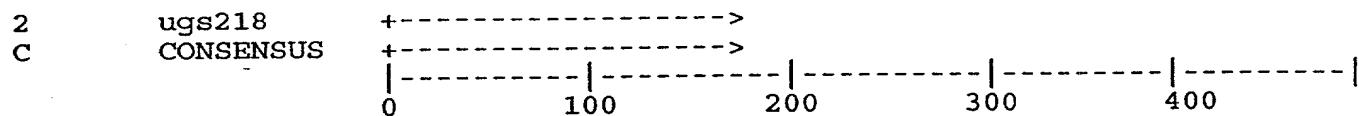


0 100 200 300 400

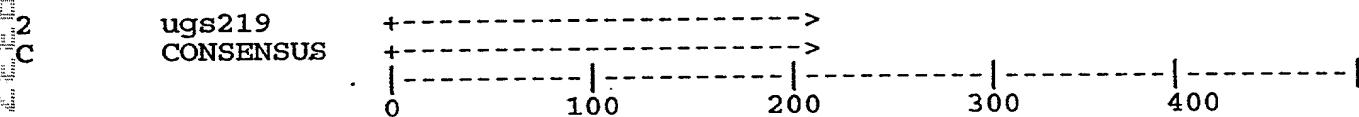
Contig: ugs217



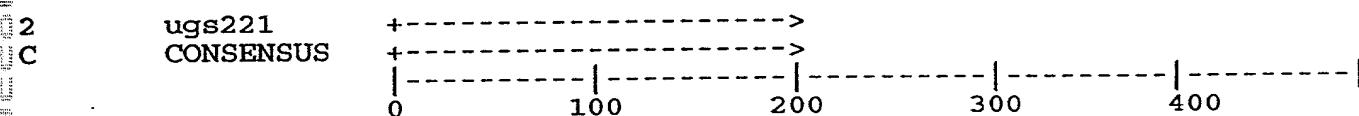
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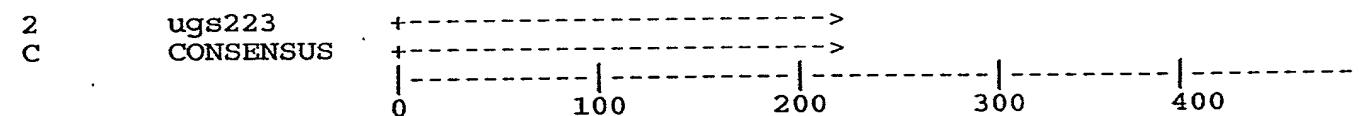
Contig: ugs219



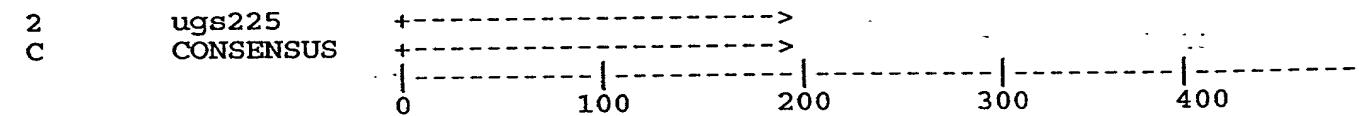
Contig: ugs221



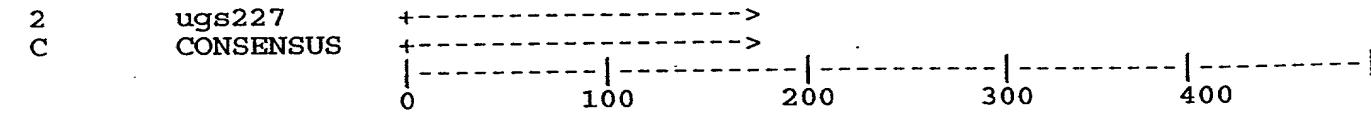
Contig: ugs223



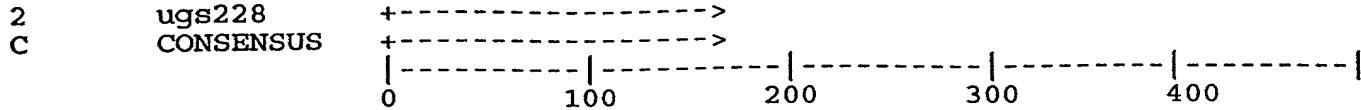
Contig: ugs225



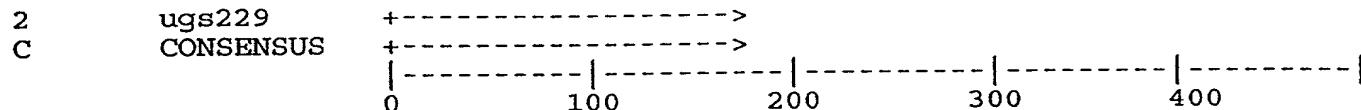
Contig: ugs227



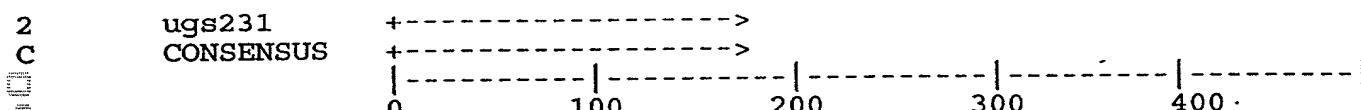
Contig: ugs228



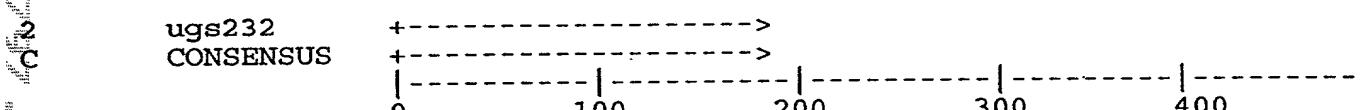
Contig: ugs229



Contig: ugs231



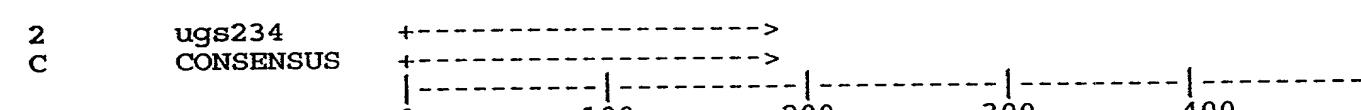
Contig: ugs232



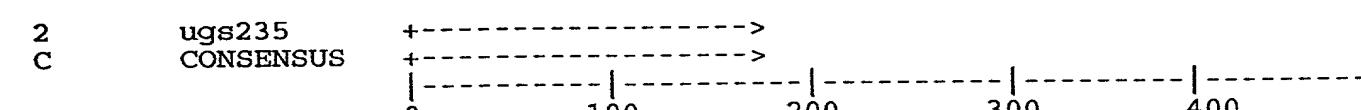
Contig: ugs233



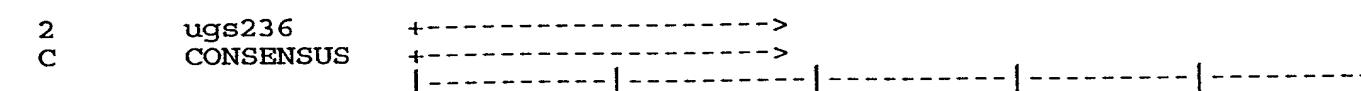
Contig: ugs234



Contig: ugs235



Contig: ugs236



0 100 200 300 400

819 Fragments in 697 Contigs

[REDACTED]

ug093f.seq Length: 102 February 20, 1998 10:43 AM Check: 726 ..

1 GCCATSTGGT GGATTCGCCG GGTWMGTCGC CTGGGCTGGC AATTGTGTTC

51 TCTTCGTGTC TGTCWCACCH CYSTCCCGGC TCTTCTGGCT TTCCACGTCT

101 CT

ug093ft.seq Length: 165 February 20, 1998 10:42 AM Check: 9485 ..

1 GGAATTCGCC GGGTATAGTA GCCTGGGCTG GCATTTGTGT TCTCTTAGTG
51 TCTGTATAAC AYCYSTCCAG GCTCTTCTGG CTTTCATAGT CTCTSGTGAM
101 AHGTCTGGTG TAATTCTBAT AGGCCTTCCT TTATHYVYKM CTYGACCTTT
151 CTCCTTACYG CTCTT

10 20 30 40 50 60 70 80 90

ug106ft.seq Length: 312 February 20, 1998 10:43 AM Check: 6648 ..

1 GGNATTCCGGC ANNGRAGGGA GCAGAGAGGA GGCACAGATG GGCGGTGGGA
51 GAAGAGAGAT AGGAGGGCAG AGGCGATCGC SGKTGCAAGC AGGAAATGCC
101 TTTCGCCTCCT CCTGCAGGTT TGCAAAGAGC TCTGAAAAGG TCTGGCGGTC
151 CCTGAAGTGG GTTGGGGTG GGTAGGGCTG CATAGTGACC CGCACAAAGA
201 GAGGGAGAAT SGMGCACCTC GAATATCCTT CAACTCAAAG AAAAGGATAA
251 MGGMGAGCAA ATGCATGTAT CTCTTCAGAT AGATTBTGAB CTSGGCCAAG
301 TAACTTATAT AC

DRAFT Sequence Database

ug106ors.seq Length: 294 February 20, 1998 10:43 AM Check: 9976 ..

1 GGAATTCCCTC CCTTGTNCT GNCAGNTTT TNCCCCTGTA NCATWNCATT
51 CATTCAATTNC ATTCAATTCAW TNCAGTGNAA GAGCYYCGTG KYCAGKNATT
101 CCAGACTCCG ATGAAAHYG AAAATCGANY CNYYYCNNKT CYAATTANN
151 KCYAAYCAGA GAGAACGSY TCCAGTTTCG TNCAGCATAG ACCATACATA
201 TATVCVVBKK KGKGCACTGT CTACAAGTAA AACAGTTGCT GGAGTAGGCC
251 GGCCAAGGAT TCTACTCGTT TCTAAATAAT CAGATGACTT TTTA

TGGCAAGGAT TCTACTCGTT TCTAAATAAT CAGATGACTT TTTA

ug120fmin.seq Length: 87 February 20, 1998 10:43 AM Check: 5133 ..

1 GGAATTCGAC AAATTAAGAM AMGCAAACAA ATCATAGCTG CKCCTSWCGT

51 KTTTTGTGCG AAATTGCACA AGAKCCTATA CACCTGA

Y022420.m. 45 45 45 45 45 45 45

ug120os.seq Length: 444 February 20, 1998 10:43 AM Check: 230 ..

1 GGAANTCCAT AAGTACTATN AWDDNVBBVH WWWTTTAAG TTGAGGCTCT
51 AATTAGACAT CAGCCTGATT YCTTTSAGTT CCACACACAC ACACACACAC
101 ACACACACAC ACACACACAC ACACACTGTC TTCAGCAGTG AGACCTTACA
151 ATCACTTCTT AGAAAACAMT TGATAAGTMG CCTTGCCAAT AGCCAGTGTGTT
201 ATTTTGGGAT TCCATGGGAT TTCATGGAGT CAACATTGGT CAGCAACTCA
251 ATTAGATGTA AGCCATTCCCT GGGACTGAVA GGTTCCCTTG GAGAGGAAAG
301 ANTGTCTAGT TGGAGTACTG TTTCCCTTGT TGTTTAGTGA CTCCATTAG
351 ATTTAATCAT ATATGTATAT ATTTTAAGAA GTTTCAACTG TAGTAGGTTT
401 CCATATGGAC CCCAAAANNT CTTAGTGCTA ACTGTCCCTC CCTG

the first time in the history of the world, the people of the United States have been compelled to make a choice between two political parties.

ug254f.seq Length: 109 February 20, 1998 10:43 AM Check: 2757 ..

1 GGAATTCCCCG GNCTCGAGCG GCCGCTTTTC CCCCCCCCCC CCDCDCDCTW
51 CWCWCWCTCT CTCTCTCTCT CTCTCTCTCT CTCGCGTCGC GGGCGTAGGT
101 TCTTTATTT

ug254ors.seq Length: 461 February 20, 1998 10:43 AM Check: 2901 ..

1 GGAATTNCAA GAATGTACGS CAGAGGAACG NCACCTGAGT GGTGGGGCAG
51 GCGGGGGAGG GGAGGTGCC AGGGTGCCTG ACCCCAGGCC AGCNTCTACC
101 TCCACTCCAG TATCCCATCC TGTCCCGATT TGAACCTACC CAACCCAACC
151 TATCCCAACC CAAGTGAAAGA CAGAGCCTTA CCTTACAGAA AACCCACCTG
201 GRAGAAGCAA RCCACTTNCA GCCCCTGTTT CTAATTAMM CTAATGAGG
251 TTTCTATGCA GACAATCCAT TCCTTAGGGG TTTATKTYB NNNNNBBSCT
301 TCCCTTCTGA AGTGTGTCA CTACAGCCCT GTKGAGTKGG GGAATKGKGC
351 CTTGTCCTTK GTCAGGAGGG AAGGCCAGTG CATGCTCTGA CTTACTGTTG
401 GAGGGGGCTG GGCCTSCTGG AACCCCCCCA AATAAAGACC WACCCACCA
451 AAAAAAAA A

ug277f.seq Length: 104 February 20, 1998 10:44 AM Check: 3222 ..

1 CTCACTATMC CCMTYCCCT CTMGATCATC TCACCCCCCA ATCTCTAAAT
51 TCCCCTYAGS ASACCAAACC TCARCCCTCTC TCTATCCAAT TCTTCAGTTA
101 GTAT

ug277ors.seq Length: 409 February 20, 1998 10:44 AM Check: 9214

1 GGAATTCATG GCGCATCCCG CACCCCTGGC GCCC GGCGGCC GC GGCGCGGT
51 ACAGCAGCGC CCCGGGGAG GCGCCCCCGT CGCGCCGCCGC CGCCGCCGCC
101 GCCGCCGCTG CTGCCGCCGC CGCCGCGGCT G.CCGCGTCG TCGTCGGGAG
151 GGCCCGGGCC GGCGGGGCC GCNGGTGCCG AGGCCGCCAA GC.AGTGCAG
201 TCCCTGCTCG CGGGCGGCAC AGAGCTCGTC GGGGGCCCGC GGCGCTGCC
251 TACGGCTACT TCGGCAGCKG CTACTACCCG TRCGCCCGCN ATGGGCCCCG
301 ACCCCAACGS CATCAAGTCG TGCGCGCAGN CTGCTTCGGC CGCCGCCNSY
351 CTTCGCGGAC AAGTACATGG ACAMCNGCCG GCCCCGYGGC SAGGAGTTTA
401 GCTTCCGCG

卷之三

ug277t.seq Length: 514 February 20, 1998 10:44 AM Check: 2811 ..

1 TCCTTAHGCK TTTCTTCAAG CTGCCCTCTG CTCCACCTTT TAATCCATTA
51 ACTAGTGGTC TTGAGTTTAT TGATGACTTT TTTCTCTTG ACCCTCCTGT
101 TCTGGAACCA GATTGTGACC TGCCTCTCAG AGAGGTTTGT CGTGGCTGAT
151 ATCCTCCTCC GTTTGTCCTT GGTAAATGAAT TTKTTCGTAG CGTATTCCCG
201 TTCGAGTTCT TTCAACTGCA CCTTAGTGTA AGGCACCGCG TTCTTCTCC
251 CCCTCCTATA GGAGCTGGCG TCTGAAGGAT GGGAGACGAC GTCGGGCAGA
301 GTGGACTTCC AGAGGTGGGG AGGCTGCGTC TGCTCTTGG GGCAGTACAT
351 TTGGCCGTTTC CAGCCGTTGG GCAGAGCCCA GGGGCTGATA GCTTTCCATG
401 GGAAGCCCCA GAGGCTCGTK GCGCGACTCG CCAGGACCCC CGAGCCCCGG
451 AACTACTGGC ATATCCAGGT AGCCGGGCAC GGGCTGGTGA TGGTKGGTAA
501 GGCCCGGYTG CTTA

1660 2624 2620

ug291ft.seq Length: 408 February 20, 1998 10:44 AM Check: 8702 ..

1 GGAATTCGTA ATTTTAGAAA ANYGCTTGCG TATTCNTHHH NNCGTYNGTT
51 NGAACGTGGG GGN.TYTTTN CTCAATAGCC CACATTGACC TTGAACTCAT
101 AAACTCAAGC AATCCTCCTG .ATACCCAAG TANGCTGAGT CTACATGTCT
151 GGGCCTCTGT GCTCGGTTGC CTCTGATTTT CATCATCTGA AACTAAGACC
201 TGCCAAAGTN GGGGGGGGGG GNCAGTTTC CTGAGATTTC GAGACTTGCA
251 TGCSCGGTAC TGGATTGATG TGAGAGCACC CTCTGGGCC ATCTCTGTC
301 TAATNCCCGG GCTCGGTCTT CTGCAGCCTT TGGAAAGGTT ATGTYTCAGA
351 ATAGGTGTTG GTTTACACCG ATGTTTTCA ATGCTTCATA GGCATTBMMC
401 AAGATAMC

TIGER 200 "Z" 23/05/00

ug291ors.seq Length: 406 February 20, 1998 10:44 AM Check: 1224 ..

1 GGAATTCTGG AGAAGTGGGA GGTGTACTGT ACGGGGAGGG ACCAGGGAA
51 GAAGAGGGGG GTGGAAAGTA AGAWGGGAGG AMMGGCAGGM GGGGGAGAGA
101 GAGATGTTAC TGCTTCTTT TCAGCACATA TAMNNCNNAB GRCTANRGAA
151 ACGCATATTT AAAATCCAGT TTCTATATTAC ACACCTAATT CACTTCCAAA
201 CCTACTTGTA AAAATCCATC TTCAGCAAAT GAATTTGTTG GGAAAATGGC
251 CAGGCATCCA TACACAGAAA GGTTCTCCAT CACCATAAAT TAACTCATGG
301 TATGCTGAAT TAATTGTTGA AAATTACTAG AAAATATGTT CACAAACCTG
351 GCAAATTCACTATGTCAC ACACAAATAAC TCCTTCTTT CTCCCTCCTC
401 CTCCCT

099326XZ - DECODED

ug307cons.seq Length: 524 February 20, 1998 10:45 AM Check: 6829 ..

1 GGAATTCCCN GGCTCGAGCG GCCGCTTTTT TTTTTTTTTT TTTTCAGAAA
51 GCCAGTTAT TTCTWAGNCT TTNTNCATAN MHYYYHBMNC SGGTACCAAT
101 AGTTACCYGC CATACTCGCA CCAAGTTGTC TGTATAGCCA GCAAACAGAG
151 TCTKGCCATC AGCAGACCAT GCCAAAGAGG TACACTGGGG TGGCTCTGCC
201 TTKCTGCTGG TGCTGATAAC KTCTTNCKBC AAKTCATCTA CAATGRBCTK
251 GCCCTCCAAG TYCCAGAYCT TGATGCTGVG NNCMRTGGCA GCSCAGAGCC
301 AGTAGCGGTT GGGGCTGAAG CACAAGGCAT TGRTGATGTC CCCACCATYT
351 AAAGKKTAGA GGTGCTTGCC TTCATTGAGA TCCCACAGCA TAGCCTGGCC
401 ATCCTTGCC CCAGAACAC AGAGGGATCC ATCTGGAGAG ACAGTCACTG
451 TGTTCAGGTA GCCAGTGTGG CCAATGTGGT TGGTCTTTAG CTGCAGTTAG
501 CCAGATTCCA CGAATTCCAC CACA

ug308f.seq Length: 77 February 20, 1998 10:45 AM Check: 6713 ..

1 ATTGGCCTTG AKCATCTGAG CGGCGCAGTK TGTGAATCAA GCTGAGCGGC

51 GCTTTTTTTT TTTTTTCAGC TAACTTA

ug308o.seq Length: 403 February 20, 1998 10:45 AM Check: 8787 ..

1 GAATTCGCTC TCCTTCCCTC GGAACAAACAT TAGCTACCTG GTGCTCTCCA
51 TGATCAGCAT GGGGCTCTTC TCCATCGCTC CCCTCATTAA TGGCAGCATG
101 GAGATGTTCC CTCGGCACAG CAACTCTACC GCCATGGCAA GGCCTATCGC
151 TTCCTGTTTG GTTTTCTGC TGTCTCTGTC ATGTACCTGG TGTGTTGACT
201 GGCAGTCCAA GTTCATGCCT GGCAACTGTA CTACAGCAAA AAACTCTTAG
251 ACTCTTGGTT CACCAGCACA CAGGAGAAGA AACBGAAATG AAGCCTGCTT
301 GATAAAACTGC TCTCGAGGGG TAAAACCTAG GBCTCCCATT GAGCAGCGTK
351 AAGGGAGCHG TCCAGACTCT CCATCGATTG TVGCATCTGT GATGTTKGVC
401 ACC

Y02200 "2200" 6600

ug308t.seq Length: 440 February 20, 1998 10:45 AM Check: 1732 ..

1 GGAATTCTGTG GATCTGGCTA ACTGCAGCTA AAGACCAACC ACATTGGCCA
51 CACTGGCTAC CTGAACACAG TGACTGTCTC TCCAGATGGA TCCCTCTGTG
101 CTTCTGGAGG CAAGGATGGC CAGGCTATGC TGTGGGATCT CAATGAAGGC
151 AAGCACCTCT ACACTTAGA TGGTGGGGAC ATCATCAATG CCTTGTGCTT
201 CAGCCCCAAC CGCTACTGGC TCTGCGCTGC CACTGGCCC AGCATCAAGA
251 KCTGGGACTT GGAGGGCAAG ATCATTGTAG ATGATTGGCA AGAGTTATCA
301 GCACCCAGCAG CAAGGCAGAG CCACCCAGT GTACCTCTTT GGCATGGTCT
351 GCTGATGGCC AGACTCTGTT TGCTGGCTAT ACAGACAAC TGGTGCGAGT
401 ATGGCAGGTA ACTATTGGTA CCCGSTAAAR GKTTTATGAC

TIGR3.0 "OCEAN"

ug311cons Length: 704 February 20, 1998 10:45 AM Check: 5725 ...

1 ATTCCGGCGGC GTTTATTTGG AGCAAATTCA GCTCCCGGAG CTGGACGGTT
51 GAATGCAGGA GGAGTTCCAC CAATTGCTCC AATTCCCTCC ATTGTTGCAG
101 CTTGGCCAAA ACGTTCAGTT GTTGGTGGGG TCAATCCAAG GGTTCCATCT
151 GGCATCATAG TGGCAGGTCC TGGAGGAGCT GGAGTACCAAG GTGGCACAGG
201 AGCA.GGGGG CATCGCGCCT CTATT.GTTT ATGCCCATAG CACCTCCCCT
251 AGCCATTGGG CCCATCCGTA TCTCTTGTTC TCTCGCATCA GGGAAAGGTT
301 CCTT.GAAC TCCTCCGCTG TCGGCGCATC ATTTCCCTTT GCTGTCGCCG
351 CATCTCTKCC TCACGGCGCC TCGGCKCCTC KTCCTGCCTG AGTTCTAACT
401 GCYTTCGSTT CTGAACCYCT TKGKTATGCA GCTCCCTCCAT TCTCCGAAGC
451 TCTTCTTGAC GTCTYATCAA ATCCYGCCTC ATTAGCATAA CCYGGKGCTC
501 WTGACGKGYA GCCTCCATCT CCATCTCCAG CNTTCTCNAC GAGCCTCCTN
551 GATGTNCCGA NCCACTNGAK CCTGCTGTTG CKTCTCCATC TCAATGAGTG
601 CCTTCCAGCG CATGGCATAAC TCATACTCAA AGGAGCVAVV NHGTGCAAAT
651 CTGGGTGGCT GTTCTCTCTC CTTGTGGAAT TGCTNNNNNT TGANNTCCAC
701 CACA

ug316cons.seq Length: 323 February 20, 1998 10:46 AM Check: 4821 ..

1 CGDTAGGCGA GCAGGCCTN NCCTGAAGCT GCGGGCATTC CCGATCAGAA
51 ATGAGGCCA GTCGTCGTCG GCTCTCGGCA CCGAATGCGT ATGATTCTCC
101 GCCAGCATGG CTTCGGCCAG TGCCTCGAGC AGCNNCCMRC TTGTTCCCTGA
151 AGTGCCAGTA AAGGCCGGC TGCTGAACCC CCAACCSDDN VVMSAKTTTR
201 CGTGTGTCA NNAMCGTCTN ACRBCGACCT YGTTNCAANC AGGWCCNWGG
251 GCGGMAMGGA TCNACTGTNR WTCGGSYKYR ACKTTKTNNC ATSCTNGAVR
301 CTTTATCACT GATAAACATA SAT

ug317cons.seq Length: 645 February 20, 1998 10:46 AM Check: 6329 ..

1 GGAATTCCGC TGCCTCAAGC TGGCTTAAGT CCTGCTGAGA TTCAGCAACT
51 ATGGAAAGAA GTGACTGGAG TCCATAGTAT GGAAGACAAC GGCATCAAGC
101 ATGGAGGGCT AGACCTCACG ACTAACAAATT CCTCCTCGAC TACCTCCTCC
151 ACCACGTCCA AAGCATC.AC CACCCATCAC ACATCATTCC ATAGTGAACG
201 GACAGTCT.T CAGTTCTGAA TGCAAGGCGG GACAGCTCAT CACATGAGGM
251 GACTGGGGCC TCGCACACTC TCTATGGCCA TGGAGTCTGC AAGTGNGCCA
301 GGCTGTGAAA GCATATGTGA AGATTTGNG ACAGTTTTG AAGCACCTTA
351 ACAATGAGCA TGCATTGGAT GACCGAAGCA CTGCCCAATG TCGAGTGCAA
401 ATGCAGGTGG TACAGCAGT. TAGAAATACA GCTTTCTAAG GMACGCGAAC
451 GT.CTTCAAG C.GATGATGA CCSACTTGCA CATGCGMCCC TCAGAGGCCA
501 AACCATCTCC CAAACCTCTA AATCTGGTGT CTAGTGTAC CATGTCGAAG
551 AACATGCTGG AGACATCCCC ACAGAGCTTA CCTCAAACCC CTACCACACC
601 AACGGCCCCA GTCACCCCGA TTACCCANGG ACCCTCTGGA ATTCC

402200-205234-660

ug320ft.seq Length: 279 February 20, 1998 10:46 AM Check: 1429 ..

1 GGAATTCAAA RCAGTAACTC CATAGAGCAT CAGNMAAMGA VTCCATGAAC
51 GTACATGTTCAAAATDDGTN NGCCTCGGGGA GTAGTCTTGG GAATGAGAGT
101 CCTTACGGTC CAACATGCTG GCAAACGTTA GCTAACATTC AATGTCAGAN
151 MAGMGTGAGA CAMGCTTGTG CGCTTACMAG THAAMCAGTA GAGTTCTTGC
201 AGAGACAGAT TTSTGNAGGH NSTCAGTCAC GATGACAAAG TCTCACATAG
251 HHCTBGCAAG ACACCGGGAC GATTGASRA

ug320ors.seq Length: 560 February 20, 1998 10:46 AM Check: 1584 ..

1 GGAATT.CGT ACAGTCACCA AAGTCACATT TCAGAGGAAA TCTTAATAGA
51 TCTTCTCACA GCCAAAAATG CAAGAACGCAC ACATTTTATA GTTTTNNGTT
101 TGTATCTCAG AGCCTCAGTC CATAACAGAAC AAAGTCAGCC CAACAAAATC
151 AGTTCAAGGA AAACAAAAGT TAATTTGCTT GGGCTTCCTA GCTAACACTT
201 GGCTATTTTC CCACTCAGGT GGAGGAGTGT GTAATTCTGC CAGTGCCCCGG
251 GAGCTGAGCA CCCAGGBTAA AACACACAAA AVMACACAAG NTTAGGNTCC
301 TGGTGNCCKA GAAAGTTACA GTTAGAGCGG AGGCTKCTKA CAGCCTGGRN
351 GTTCCTGGRA TRATCAMAAC NTCCAGCANG CACAACCTTG ACTTACAATT
401 GRCAGCTCTG CTCTACTCTG GGGTCTGAAA ACCCCAGAGA GGCGCAAAGC
451 TGACTCTAAG AGGCAAGGTC TGTCTTGCTG TTGTTCTATT GCCACGAAGA
501 GACACCATGA CCAAGGCAAC TTTGAAAGCA TTTAATTGG GGGKTCATGG
551 ATCCAAGGGG

ug334ft.seq Length: 100 February 20, 1998 10:46 AM Check: 4552 ..

1 GGAATTCGTT TTBYTTTTTT TTTTTTTTTT TTTVGGTATA ACACAACTKT

51 KRRTAADCTA TTACAATWTW TCATGAACAA GGTAAATCAC TTGAGTAACT

ug334ors.seq Length: 572 February 20, 1998 10:46 AM Check: 5387 ..

1 GGAATTCTG.C GTCCGGACCTN CGGGAGCCCCA GGATGGTGT G.CTCGAGAG
51 CGAGCAGTTC CTGACGGAGC TGACCAGGCT CTTCCAGAAG TGCCGCTCGT
101 CGGGCAGCGT GTTCATCACC CTCAGAAAT ATGACGGTCG CACCAAACCT
151 ATCCCGAGGA AGAGTTCTGT GGAGGGCCTC GAGCCTGCAG AAAACAAGTG
201 TCTGTTGAGA GCCACGGATG GGAAAMGGAA GAHCAGCACC GTGGTGAGCT
251 CCAAAGAAGT GAACAAGTTT CAGATGCCCT ATTCAAATCT ACTGAGAGCC
301 AACATGGACG GG.CTGAAGA AGAGGGACAA GAAGAACAAAG AGTAAGAHGW
351 GCAAACYAGC ACAGTGNACA GGYGNTGGCT GCTACCAACC AGSTGNACAA
401 ANGTGNCATT TTNCNNNCTC NTNGTTTGCT RVTTTNAGC AMCTSTGTAT
451 GTAACTGTTT CCACGGAAAGG GTCCTTTAAG AGAGAAGGAC TGGGATGGGC
501 ATGGGCTAGT TGTBGTAAAGA CGCCAKTTTT SATTGTGCGYGTGTGGCTGG
551 ATATTCTTAG ATTCCAGCCG TA

TRANSLATED BY GENEBLAST

ug335ors.seq Length: 156 February 20, 1998 10:46 AM Check: 2232 ..

1 GGAATTCCAT TGGCAATTTC TTTTCCAAT TCCATAACTT TATTCATTBC
51 CAA.AG.AGA GCTGGTTTTC ATCAATAGGC AAACTTGTT CCTGACGAAT
101 CAGTCTGGCC ACAGAAATCA TAAAATCC.A CATATGCTGT GCAAGCCTCT
151 TTATAT

ug335t.seq Length: 248 February 20, 1998 10:47 AM Check: 2718 ..

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1 GGTGGATTCC TTCCTTAATA GTGTTATTVT GTTTGTTCT ATGVTTGTCC  
51 CCCTCCCCTT TTCTTGAGGC AGCGTCTCAC TCTGTAGCCC AGACTTGACC  
101 TGGAACTCAG AGCAATCCTC CTGCCTCAGC CTCCCCAAGGG CTAGGATCAC  
151 AGGCGTGCAG CACCAACGCC AGCCTTCTTA TATTTRGRRD DTTTTTTTCT  
201 TGCTTTWATT TGATTTTCT TTTCTTTACA AATAGAATTA SCACCCTT
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ug353ft.seq Length: 92 February 20, 1998 10:52 AM Check: 673 ..

1 GGAANTCCGG CTCGAGCGGC CGCTTTTTT TTTTCTCTCT CTCTCAGCCT

51 TCTGGTTATC GTTACATGRG AACATCAGAC ATACTARRGG GG

ug353ors.seq Length: 633 February 20, 1998 10:47 AM Check: 5520 ..

1 GGAATTGGG GGAGAAAGAG AGGGAGGGAG AWWGWDAGAK AKAGAGAGAK
51 AKAKATCTTD TTCTYCTGGC ACAATATTWW YTAKTTNNNN DTDWGCTNNA
101 AACTKTTCT NGTATTTWT KACAWYMRGG RAATTCTTC CTCTCTAGGC
151 AGATTGCCAA AAACAACATAG AAGCTAAATG CCTGTGCCTT CTGCTTCTAC
201 GACACACCAC TCCGTCTTGT TCAGTTCAA CTAGCGTCGC TCTAAAAGGA
251 CAAAAAACTT CTTGTTTTTC TAAATAAAAC ATAAATGGCC CAGAATTGGA
301 ATTGCCGATC TTAAAATTTT AAGTGACTGA AGATTCTATT AATTCTGGCA
351 ATAAAATCAT TAAAAACAAA ACAGGTTGCA TAAGACTTTT AAACAATTCA
401 TTCACAGGCA TGAGAATTAA AGGTTCTTT TAAAATATAA AATGCTAAAA
451 CAATAAGTCT AACAGGAGAA TATGAATAAT ACMATATTCT AAGAAAAAAA
501 CCCACAAAGA CAAACATGAC ATTCATTCA TAGCTCATTC AAATAAACCA
551 AGGATTAAAC CTTAGTTTA ACCTGTTAAT TTTCCTTTT RYTTTAGTAT
601 GTCTGATGTC DCATGTACGR TARCCAGAAG GCC

ug354cons.seq Length: 445 February 20, 1998 10:47 AM Check: 3451 ..

1 GGAATTCAAGG AATTTVVBYW NVCWVDSCWR MYYYC MYKKY SKYMTCCGMC
51 TCCTCGGGGG CMNCTCCTCT CCTAGTGCCA AAGACATCAV GANAATVCTN
101 GACAGCGTGG GCATCGAAGC GGACGATGAT CGGCTCAACA AGGTCAATCAG
151 TGAGCTGAAT GGAAAGNNCA TTGDGGNTGT CATCGNTCAG GGTGTTGGCA
201 AGCTGGCCAG TGTGCCTGCT GGTGGGGCTG TGGCTGTTTC TGCTGCCCT
251 GGCTCTGCAG CACCTGCTGC TGGTTCTGCC CCCGCTGCAG CAGAGGAGAA
301 GAAAGATGAG AAGAAGGAGG AGTCCGAGGA GTCGGATGAC GACATGGGAT
351 TTGGCTTGTT TGATTAATT CCTGCTCCCC T.GCAVATAA AGTCBTTT.A
401 TGTAAAAAAA AAAAAAAAAA AGCGGGCCGTC GAGCCGGTGA ATTCC

He was a man of great energy and determination, and he left a lasting legacy in the field of education.

31
2.6

ug357ft.seq Length: 225 February 20, 1998 10:51 AM Check: 9663 ..

1 GGAATTCTGTG AGCAGAAAGC AATGAACATA GATGGTATAC ATACTGTATG
51 BSTGTACTVG CTACAVGRGA CATAACAMGCA TGTCCATCGA AGACTTGAAAG
101 AGTTCTAAAG CAGCTTACAT ACCAGCTCAC CTGTCCTGAC TTCAGTTAAA
151 TVTVGVSCTA TGNTBCCAAC AACAGGGGAA AMCAGACTAT ACGGTGATTG
201 TCCTCAGMGT GTCTTGTTTT TCCTA

ug357ors.seq Length: 428 February 20, 1998 10:47 AM Check: 9711 ..

1 GGAATTTCGTC TTCAACGGCT TCTGTAAATC TCGGTGACCC CACAAGGC GT
51 ACTGAAGGAG ATTACTTATC GTACAGAGAG TTACATTCAA TGGGAAGAAC
101 TCCAGTCATG TCAGGATCAC AGAGACCTCT TTCTGCACGA GCGTACAGCA
151 TCGATGGCCC AAATACATCC AGGCCTCAGA GTGCCCGTCC CTCTATTAAT
201 GRANNVCCAG AGAGAACTAT GTCAGNTAGT GANTTCWATY WCTNCACGGA
251 CNTAGTCCTT CAAAAGGACC AAATACAAGG KTCGGGTCTG AACATNTCTC
301 TGTTAGADCC YCCAKGDRWA AGCAAGGTTTC CTCATGACTG GCGGGANCNA
351 GTACTACGAC ACATTGAGGC CNAAAWGTTA GAAAAGGTAA TTBAACTGAG
401 TTTTTCATTC TCTTWCTTAA TTTWTTTC

ug371cons.seq Length: 612 February 20, 1998 10:47 AM Check: 3767 ..

1 GGAATTNCCC GGCCCTGGCA CAGAGGACTA GGTGTGAGAG TGTGAGGTTTC
51 CCACCCCCAC CTTTCCCTGCN GCBGCTCCCT CCCCCSNGAC ACAGGCCACCC
101 TCCGTNGCTC ACCBBCCTGGG AGCTTGTTGC TTCTTGTTCAGGBGCGTAA
151 TTBCGACACT CTCTAGGGCG CAGGGAGCCC TGATTTACAT ATTTCTCYNN
201 BGAGTBBCBTT CCNNCTGGTA GGGATTNNNC TCTCTTBGGT TCTGACACCA
251 NGGNACAAGA GTBCARACNN TNGGAAAAAA CGACTYCCAG GAGCTAGCNT
301 TGGCGNTGGG CCTTGGTACC CNATTAGGCC TTTNYTTCTT CCAGGTTTTT
351 CCGCTCNNT SYKTCCCKYC TTTCTTTGCT TACTYCTCAC TCTTCTYCCCT
401 TCTCTCTCCT GTCTTCCYCT CTYCCCTTCC TCGCCTCCAT CCTGCKKTCT
451 CKCCTKTCTC CAGTCNKCT TAGTRCCTCC ATCCTTTCCC TTTACTCTCT
501 CTCTNWCTCT MYCTCTCTCT CTCTCACACA CACACACACA CACCACACTA
551 GTGTTCTKKD AATWGTBAAT HGTGATCCCC CCTGCGCCTC CCTCTCTCGG
601 CCCYCCCCCT CC

ug371f.seq Length: 140 February 20, 1998 10:52 AM Check: 6411 ..

1 GGAATTCAAC THATKKACT ATBSVNVCAG SVANCACTDG TKCTGCTGC.

51 ..TGCTGCTG CTGCTGCTGC TGCTGCTGCA GCAGCAGCAG CAGCAGCAGC

101 AGCAGCAGCA GCAGCAGCAG CAGCTACAVC GGCKCACACA

ug440f.seq Length: 41 February 20, 1998 10:51 AM Check: 8583 ..

1 GGAATTCCGG CTCGAGCGGA CGCTTTTTT TTTTTTTTY T

ug440rs.seq Length: 217 February 20, 1998 10:48 AM Check: 4651 ..

1 GGAATTCCTT AATTCATCT AGCCTCTGGC CCAGGAAGAG TGCACATTAA
51 AWGGGACTCA GAGAAATGCT GAGACACATC AAGAGCTGCT GGGCATCCAG
101 GAAGAATCTG AGTGCAAATT TATCTTTCC TGATGGGTG TGATCATCAA
151 TAATTACATG GHGAYCAGTC AACAAAATTG TAAAACCCGG HMCCAAGTTA
201 CAATCATGTG TTCTGTC

2000 2500 3000 3500 4000 4500 5000

27
6

ug441ft.seq Length: 290 February 20, 1998 10:51 AM Check: 6600 ..

1 GGAANTCCTT ACCTCAGANC CCTCATACAG TGCACTGGTA CCAACACCTG
51 GGAAGGCAGC CCTGCAAAGG GGCCCTTCTC CTCCCTGAAC TATGTCTGAA
101 TCTTTGAGTA TCTCATGTG CCCAADATGC ATCTGGGAAT TGTGCAGAAA
151 GACGTTCAAGA AAAGAGGGTG ATAMCAGAGA HHYCCCGAAT AAGGGGACCA
201 ATGTATATGG BCYYYCAMTC ACAGTTCTA TAGRSSCYBY BGTAGACCTT
251 TBGTTGGGAA ACGCCCTACA TCTGGGCATA GCTTCCTTTT

ug441ors.seq Length: 338 February 20, 1998 10:48 AM Check: 3960 ..

1 GNAATTGAG TAGATTCCA GTGCTCACCA TGAGGGAAAC AATGTTACTA
51 TAMCDDDNCC TANTGNASGN NNNNNNNNGC CNGNGGTAAA CNGNTAGAGG
101 NTCCTCTGNT NCANTGTNCT TTAMACAYMR YTWSRGTAGA CAGCAATGCT
151 CTTTACCTAG CTTAGTGTTC TGAWKGSMAA ATATTGTATA TTGTGATAAT
201 TATGTCCTAT TTATTTGAGA TTCTTGTTTA AAATTTAAAA AACAAAAAAA
251 CAAATDAAAAA TTTTTTGCT ATGCCCTAGA TGTAGGGCTT TTTTTCCAA
301 CCAAAGGTCT ACAAAAGTTT CTATAGAAC TGTGATTG

ug482ft.seq Length: 213 February 20, 1998 10:51 AM Check: 8926 ..

1 GGAATTCCGGC TTCAAAACAC CATGTAACAT CTTCAAAAGA AAAAVANNTT
51 TWWWWMCTCA AACGAATCAG AAATGTAAAT CCAGGTCCAC GAACCCACAG
101 TTAGGCCAG TGGAGTGAGA GGGTCCAGGG AATAGGGGGT GGGGGGAAGA
151 HAGSNAGCCA AAGTCTCCTG AGGCTCCCCT CAGATGTGTA GAAAAATTAA
201 AGATAACYCC AAT

ug093ors.seq Length: 349 February 20, 1998 10:41 AM Check: 9134 ..

1 GGAATTCAAC AGAATACAAG AAATGGAAGA GAGAACCTCA GGTGCAGAAG
51 ATTCCATAGA GAACATCGAC ACAACAGTCA AAGAAAATWC AAAATGCAAA
101 AGGATCCTAA CTCAAAACAT CCAGGTAATC CAGGACACAA TGAGAAGACC
151 AACACCTACGG ATAATAGGAA TTVATGAGAA TGAAGATTTT CAACTTAAAG
201 GGCCAGCTAA TATCTTCAMC AAAATAATAG AMGAVMMCTT CCCAACATA
251 AAAVVMGAGA TGCCCATGAT CATACAAGAM GCCTACAGAA CTCCAAATAG
301 ACTGGACCAG AAAAGRAATT CCTCCCAACA CATAATAATC AGRACAACA

122230 266660

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ug096f.seq Length: 94 February 20, 1998 10:41 AM Check: 7686 ..

1 TCTAGATGCA TGCTYGVGCG GCCGCCAGTG TGGTCCAATT CCCGGTCTCG

51 AGCGGCCGCT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTT

ug096ors.seq Length: 533 February 20, 1998 10:41 AM Check: 1140 ..

1 GGAATTCTGTG ATCATGAAGC CTAGTDCGCT CATTACACAA BBBGGGGGA
51 GGDCTCAGGA CCTCTCCACC CCGGGAGTC TTTCCCTGTG .TGCTGTGGA
101 ACTAATTGAA AAAGTAAAGT CCAAGGAAAC ACTGCTCTGT TTCTGAGACA
151 TGAAGGAAAT GAAAACACAA GACAAAGCAA AGAGC.TGCG CATTCTCTGG
201 CCCACGCACC GCGAGAGAGT GCCCAAGGTC AGCCATCACC CACTAGTGTA
251 AACTGACCCC AAGTTAGCTC CCCAGCGAGC AGGCTCCAAA CACCCCCATC
301 CTTCCCTTCT AC GGAGGTTT GTGAATAAAA TCACCCCTCTT CCCTCAGTAC
351 CACATCTCTT AACTTATCT RCCCAGCNAT GGGGTGAGCA GCCAGACTYN
401 GATCTKGTAACACTTACATA ACATAATTG AGTGCTGAGA ATACAGCTCA
451 GAGGTAGAGC ACACTTGCCT AGTGCTCATG AGCCACAGGC CCATTCCCAG
501 TATCATATAC ACAAASGATA ATTTTSTWGA CTA

ug101orsft.seq Length: 503 February 20, 1998 10:42 AM Check: 1662

1 GGAATTCCGC TTG.ACCTGC CTTGGGGTAT GGGTACTGCT TTGCTTTGGG
51 GTACAGTGCT CCAGTAAACC GAGGTATGAT CATGTTAGGC ACCAACGAGT
101 CATTATCAT CAGGAAGGCA AGTCTCTCTC CATCGGGGGA CCACCAGTGG
151 GCGATATGAG AATGCAGAAG TTCTTCTAGA ATAAATGAGT GTTATNNYAC
201 ATCAAATTCA TATAACCAGT CAGCAATCCC ATTAAAAATA ATGCCTTCCT
251 TTCCTGAAGA TGTTAGTCGT AAAGAACTGC TCTTGATATC AGGTTGATAAG
301 TAGATATTGT TTTCAAAAAT ATAAATCAGC TGCTGTCCTT GCACACCCCCA
351 GGCG.CATA CTGCAACAC. TGAGTCCTCA ACTTCTGGGG GA.TTCAA.C
401 TCCCCACANHT TCCCCAGATN NAAAGTATGT TCDCCCTGGCA TACGACGHYC
451 AAGCRGHKDC ATACTCATT A CCGCTTCATA TTGATTACAA CATACACACT
501 GGA

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ug102cons.seq Length: 1133 February 20, 1998 10:42 AM Check: 215 ..

1 GGAATTCCCTC TCTCTCTCTC TCTCTCTCTT TTTCTCTCTC GCTCTCTGCC
51 TTTCTCTGTC TCTACTCCCT CAACTCTCTT CCCCCATGCC TGAATAACCT
101 CTATTCTATA CTACAKGRCT GGKCCCTCAG GGGGAAGGGG TGCCTCAGCA
151 TGGGCCCGCA GAGGTACCCC CTTCCCCACA CCTGATGGCA CCAAACATAT
201 TCCTTCTCTC CTTCTCTCCC TGCTCATCGC TTGAGGTAGC ATGGTTCTCT
251 CTGGGAAGCT CTGGGKGCTG AGTCAGGGCT CTGCNTCTGG CCCYCCCTG
301 AAACTCCATC AGAATCTACA TGGCCCTGGR CTGTGGCAAT TKKCTTCTTG
351 GDCCCYAAC AAGACTTWAAG NKYCTYGAAG GGCAAGGTTT CTTCCCAC
401 AATCCAGCAC AGGGCAAGAC ACATAGTAGG TGTTCCACAA GCACCTAATG
451 AGTGCTCTGG GTTGTGGGA TTTBYBBYG TTTGTYTGTT TTGGTTTTG
501 GKTTTGTTG TTKGTTWGTT TGTTTAGYNS GTTTTGCAAC AAKGTCTCAA
551 GTGACATAAC CCAGGGTGCG TTCAACAAATG TKAACAAAGG GTCYYCYKSC
601 YYSRMCYKKY MARKKSYKGG RNNMMMRGSS SMMCWKSCY KGKSYWWWWK
651 GRKTKRRCCC AGGGCCTCAG GCATGCGGTA CAAGCACTCT ACCAACAGRT
701 CTGCATCCCC AAACCCCCAA CAGACAACTC TTGGTGCCCG GAGTGTGCCA
751 GGCCCTCCCTG GTAGTACTGG GCAGACAGCA GTCCTTGCTC TTGGCCTTGC
801 TCCTGCTGGA AGCCTCCCTT GACTCDTCA GGCKTTTACC TGAKTCCTAC
851 TCTATGTCAC TCATCAAACC TCTGCGCCCA AGAGGARCN
YCCTGGGAAA
901 ACACAGGAGG CGGCGACACA ACACGTGCC TTTCCCTCGCT GGCCCCAAGG
951 ACACTCAGCA GGGGTTGCTG GTACACCKTC AACCKTTTGT CTCTTGCD
1001 KKTKTCTCTC BTCTTGCC TTTGAGGTTT CATGGTTGTG GTGGTTTGGG
1051 TTTCTGTGG TCGGTTGGCA GTAAGGTCTS MNNCATACCC AGTGTGTTG
1101 DTKCKGAAA TGCNTATATA TAATGGNAAA TCC

ug482ors.seq Length: 330 February 20, 1998 10:48 AM Check: 2542 ..

1 GGAATTCCCG GCTCGAGCGG CCCCTTTTTT TTGGGGGGGA GACGGGGGCT
51 CAGGGTGTGA ACATGAGGTG AGACCTGGCA TGGCAGGGCT GAGTCGTGCC
101 TGCTGTCAGC CCCTCTCTGT CCTTCCCGAG GCTGAGGGGG GCCTCAAGCT
151 CCCTCCCCA GCAGAGCCCC ACCCACCCAC CCCGCCTTCA AAGCCCCCTT
201 TGGAGAGTTA ACTGTCCGTG TGAGGCGCTC ACTCAACCAA TAAGCCCCAA
251 NGAACTAAA GCAATAATCT TCGTTACTGA GATGCGCGGC TGTTAGTGTT
301 TNGTTGTTGG KTTTTGNTTT TTTGGGKTTT

ug484ft.seq Length: 234 February 20, 1998 10:52 AM Check: 876 ..

1 GGAATTCTNTT ATATCATTKK VNKNCCATAV GGBGTCATCT ATGTNBDAAT
51 TTWTYNNNNC ACATATBSSG CTCATTACAC TTATATCGGG TCAACACAGT
101 GGCAGATGNT CATCAAATGT CTTCATTCT AACACAGTGG CAGATGTTAT
151 CAGATGTCTT TCTTCTAAC AGTTACAAGG CCTTGTCTCT ACCTCTTCCG
201 CTTCCATGAC CCAGTTTG TGATTCTAAT TTAA

ug484ors.seq Length: 419 February 20, 1998 10:48 AM Check: 204 ..

1 GGAATTCGTA ATCCACTAAT ATTTATGGGT GTTATCACAA GTATAMCAAT
51 NNGNTVGTCA ACTAC..AAA DCAATAAANC AGTTGCCAA ATAGCAGCGT
101 ACGCCCTACG TTAGCACAGC CAGGTATAAA GATCCGTAGC CACACCAAAC
151 TCTACAACTG ACTGTTAAGT GGCATAACAG TAAATAGAGG ACAAACCCAT
201 GTTCAGGGAT TAGTGAGAGG GTCCAGATGT TAGAAGCTGC GCCTCCTCCC
251 CACTCCTTGT ACTCACTCCA TCACTTAATG CAACTAAAGC GTGTTCTTCT
301 TTCCTTTCH CTCCTANTCT GACAATGTAN TGCTGATATT AATTTGAAGV
351 CAATAGCCCC AACTGCCTTG AAAACAAAGA AGTATTATGA GTTGTGAA
401 CACATGGGKA TTAAAAAAC

ug485ors.seq Length: 622 February 20, 1998 10:48 AM Check: 6684 ..

1 GGAATTCGCG CGCTGTCTTC CCGCTCGCGT CAGGGACCTG CCCGACTCAG
51 CGGCCGCCAT GGCATCAGAT GAAGGCAAGC TTTTCGTGGG AGGACTCAGC
101 TTCGACACCA ACGAGCAGGC GCTGGAGCAG GTCTTCTCCA AGTATGGGCA
151 GATCTCCGAA GTGGTGGTGG TAAAGGACAG GKAGNACCCA NGCGATCCCC
201 AGGCTTGAGG TTTSTCACCT TTKAAAATAT CGANTGACGC TAAGGANCGC
251 CATGATGGCN NTATNGAANT KGGNAAGTCT KTGGACGVGC NGGCARATCA
301 KAGTTGACCA GGCTNGRCAA GTCTTCTGAC MACCGGYCC GAGGATACCG
351 GGGTGGCTCT GCTGGAGGCC GGGGCTTTTT CCGTGGGGGA CGAAGCCGGG
401 GCCGAGGGTT CTCCAGAGGA GGAGGAGACC GGGGCTATGG AGGTGGCCGC
451 TMTGAGTCCC GGAGTGGGGG TTATGGAGGC TCCAGAGACT ACTATGCCAG
501 CCGGAGTCAG GGTGGCAGCT ATGGTTATCG GAGCTCGGGGA GGGTCCTACA
551 GAGACAGCTA TGACAGTTAT GCTACACACA ACGGGTAAAG CCCTCCGCGT
601 CCAGADYCGT CCTTCCATGG CT

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ug485t.seq Length: 153 February 20, 1998 10:52 AM Check: 3249 ..

1 CAAGTTTG G TTGAATTCCCT CGGAGCGGCC TTTTTTTTTTT TTTTTTTTTTT
51 TTTTTYYYYY YYYYTTTTTT TTTTTTTTTTT TTTTTTTTTTT TTTTTTTTTTT
101 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTTT TTTTTTTTTTT TTTAAAAAWWA
151 AAA

the first time I saw him he was a very tall man.

ug491ft.seq Length: 603 February 20, 1998 10:52 AM Check: 5954 ..

1 GGAATTCCGA GGCGCCACAG CCGCTCCGG ACTCGGAGCA GCCGCCGTCT
51 GCCGCGGAGC TGGAGTCTTC GGCGAAGAA TGCAGCTGGG CCGGGCTTTT
101 CTCCTTCCAG GATCTGCGAG CCGTGCATCA GCAGCTGTGC TCGGTAAACT
151 CCCAGCTGGA GCCGTGTCTG CCGGTGTTCC CCGAAGAGCC GTCAGGNATG
201 TGGACGGTGC TGTTTGGGG CGNCCCCGAG ATGACCGAGC AGGAGATCGA
251 CGCTCTATGT TACCAACTCC AGGTCTACCT GGGCCACGGS CTGGACACGT
301 GTGGCTGGAA GATCCTTCT CAGGTTCTTT TCACCGAGAC GGATGATCCG
351 GAGGAGTATT ACGAAAGCCT CAGCGAGCTG CGGCAGAAGG GCTATGAAGA
401 GGTGCTTCAG CGGGCCAGGA GGCGCATCCA GGAGATGCAA AGCTTACAGG
451 GTGGTACAGA AGCTATAAGCT CGATTGGMTC AGCTGGAATC TGACTACTAT
501 GAYCTGCAAC TTCAGTTGTA TGAAGTACAG TTTGAAATCT TGAAGTGTGA
551 AGAGTTGTTA TTAACTGCAC AGCTGGAGAG CATCAAGAGA CTTATATCAG
601 ACT

ug491ors.seq Length: 394 February 20, 1998 10:48 AM Check: 796 ..

1 GGAATTCTGTT TTTGTACTGT TAACATTAAC AATTTTTTTT TTTTTVVVBBS
51 ARRVGATTCC AGGCTTCCTT GACACTATCT TTACTCTTTA TANACTCAGG
101 AGGTGGTGCT CCAAGGGCAA AGAATATTAC WRCWGACTTA GCCAATTAA
151 CTGCTCCAGC TGGGAATACA CTCTAACAG AACCCCTACA ATCAGAGTCC
201 TATGGCTCTC TCTGAAGAGC AATGTAAATC AAACATTAGC ACATTCTAT
251 TACCTGCTTA AATGTTCGAA GTCTATCCAG TGCCTCTGT CTCTCTGGC
301 TAACCCAGGC ACTTTTTCTT TCCTCTTCAT CATGCAATTG GTCTCTCTT
351 ATTTGTATTG TATGATGGGC TCTATATTCA TCTTCACTCT GAAA

ug493ft.seq Length: 205 February 20, 1998 10:51 AM Check: 5264 ..

1 GGAATTNCCC GGCTCGAGCG GCCACTTTT TTTTYTTTT TTTTWWTTTT
51 TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT TTTTTTTTTT
101 TTTTTTTTTT SCCTTGGGG GTTTTHTTB TTTTTAAHH TBKTGSGGDK
151 TYACCCGAAM RGGCMAGCCT TYMCACCCMG GGGGGTWKT CCCCAAAAGG
201 AGGGA

ug493ors.seq Length: 263 February 20, 1998 10:48 AM Check: 7635 ..

1 GGAATTCGNT ATTTATATAT AVGCGATAMT NBSGGTTGK NACATTAGTT
51 TTAAAAAAGG GAAAGTHTTG NTYTGTATAN NNYGTTACCT TTTACAGAAT
101 NHAAGNATTG AACATTAAGN ACCATGTAAC CGAGACACTT GATCTGACAC
151 AGGGGCMGTC GGGAAACCGA TGACTGCAGT AATCACCCT GTACAAAAAT
201 GTTAGTGGGT TTTGTGCACG TAAAATGCAC ACTTCCATTG CCTGTCAGTT
251 TCTTATTTGA VAA

Group	Age	Sex	Mean	SD	Range	Mean	SD	Range	Mean	SD	Range
1	18-24	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
1	18-24	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
2	25-34	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
2	25-34	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
3	35-44	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
3	35-44	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
4	45-54	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
4	45-54	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
5	55-64	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
5	55-64	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
6	65-74	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
6	65-74	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
7	75-84	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
7	75-84	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
8	85+	Male	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00
8	85+	Female	1.00	0.00	1.00	1.00	0.00	1.00	1.00	0.00	1.00

ug494cons.seq Length: 423 February 20, 1998 10:50 AM Check: 6495 ..

1 GGAATTCTTT AMVTGTTTAC CATCTACTCG TGCTGAATCC TTCCAAGGAG
51 ATTGCTCCAG CGTATATCTC CAGGTCCCTCG CTTTGCTCCT TTTACCAAAA
101 AATGCAAAAC ACAATTCCAT CGTGCATCTT AAGGGCTCCA ATCGTCAAAA
151 ATAGGAAAAA AATTCTTGG AATAGCCAAT TAAGTTGAAT GAAAAAAAAN
201 TCCNANCACG AATGCGGTTT GGTTGGGCA GGAAGGAATC CACTCCTATG
251 TKCCTGGTAA TCTGATCCCG CNCCATGAAT CCTGGTAATT CATCCTCCCT
301 ATCCTATCCA CATTATGATT TGAATCCAAT GATCCTACTC CAGTGATTGA
351 CAA.GTGTGC ATTGCCTATG TTTGTTTATV CBBKAATTAC AAAACTATTT
401 TTTTTTAACt TCCTAAGAAT TCC

ug503ft.seq Length: 159 February 20, 1998 10:52 AM Check: 6502 ..

1 GGTGGAATTC GGTCGAGCGG CCGCNTTTTT TTTTTTTTTT TTTHWWHHWW
51 MBBBBKKKNNN KKKKKTTTTT TWDGGWACAA CAAGDTKTAA
101 DGNTTTTTTT WCTATTNGGG KAWAAAMVGG TTTWAANGKT TTTWWWAARN
151 GGGTTTTTNA

ug503r.seq Length: 310 February 20, 1998 10:50 AM Check: 9547 ..

1 SCAVMAHTTA CACTATATAC ACYAAACCATC AWCAMTCTTT TACCTATCTC
51 TTATCCACTA TTAACCTTCCT TCAATTYYT TTTTAATTCT TTTTTTTGTA
101 CTACTCATGA TGTTTYTTC CCTCTTCTTT TTTCTAATYT TTTTTTTCCC
151 AAYAYTTATA CTTTAATATA AAMTCTYGTT TTTTCATTCTY ACAAAATDTTY
201 TTGCTCTCCA WTTYTCATTC CTTTAAAATT CSGRCWTTA ATTAKCTTBKA
251 AACBATTGG CTTTTTGCTC CKTTTKATT GTCCCTCATT KAKTCTCTKG
301 WCCCCATTTGG

ug503s.seq Length: 276 February 20, 1998 10:51 AM Check: 4722 ..

1 GGAATTCGTT TTTTTTTTTT TTTTTCCCTC TGTGGTCTAA GCTTGTGGGT
51 CCCAGACTTA GTTGAGATAA AGCTGGCTGT TATCTCAAAG TCTTCCTCAG
101 TTCCAGCCTG AGAATCGGCA TCTAAGTCTT CAAACATTTC GTTGCTCGTT
151 TTATGCCCTC ATGAGCTCTG ACCATTGCAT GCGTTCCCAT CCCAGCTACA
201 GAACTTCAGT TTATAAGCAC ACAGTAACCA TTCCTCATTG CATGATGCC
251 TCAAATAAAA GGTGAATACA GTCTAT

ug505ft.seq Length: 180 February 20, 1998 10:52 AM Check: 9701 ..

1 GGAATYNGGA ..TBDRVARG VCBTTAGGAT GA.CTGGTTG TATGGGAAGA
51 AGTTAGAGAC AATGGATTIN A.DNACNGAT TTNNBGGATA AN.GCKTTGT
101 SATTNNA.NA GTANCAGGGA AGTAAGYCAT TTT.AGCCTA TN.CNTTAAG
151 V.GTGAA.CT ACAGGACAGT AANCTATATA

ug505ors.seq Length: 260 February 20, 1998 10:50 AM Check: 1475 ..

1 GGAATTCCCTC CAATCTACAC CTATACTTAA AAATCATGAA TCTGACTAGC
51 CATGCCATTG AAAACCACTC AGTACTAGAG GATGAACCAG TTTTCAATGT
101 TATCAGCCCT GGAAAACACG SCCAGCTCCC ACCCCCAGCA CATTCTANTT
151 TNGTTTAAC ATTTTATARR DDNBGNBATT DYHMKTGTGG CCATTTTGTT
201 GGGCARAAAG TTAAATGGCT TCCYTTTRAG RCTTTGGTSC YGGGGCVADG
251 GGAGCACACC

ug506ft.seq Length: 204 February 20, 1998 10:51 AM Check: 197 ..

1 GGAATTCACC GGCTCGACCG GCCGCTTTB TBTTHHBYYN YYNVT.CATN
51 CVDGNBYTTY GNNNNCTGTG CCTAGTAVTN NNGVNNBCCT AAVCTCACT
101 AGAACCTAT TBBVGTATGG YAMAHBTYCT TSGTTCTAAA TYGGGTTKTT
151 TTGTCCTGGT TTTYYTGTGT TYCGTTTGT TTTGTTTGT TGTAAAGAGC
201 TAGA

ug506or.seq Length: 307 February 20, 1998 10:50 AM Check: 9662 ..

1 GGAATTCGAG GAATATCAAC TTAGTGCTAT TWTCACATCG TTCAGTCAAA
51 CTTAGCCAGA GTTCCAACNC CCTACTTAAA ATTCAACTAG AAAGTTACCT
101 ACCAAGTACT AATTAGCATT ATAAHGTCAAG AGCCTGCAGC TCCAGGCCTT
151 TCAGTTAGTT GTTTACTAGA AAGGACAGTC TTAAGCCAGA TACAGTTTMY
201 CATAAGANAH GTTAAAGMMT NCCAGTGAAG CAAGTTTTY CTTTAGCCCT
251 AGATTCCMGG CAGNACTATT GAGCATAGAT AATYYCCCCC CCTCAGGCCA
301 GCTTTTT

Fasta format sequence file

ugs148oft.seq Length: 279 February 20, 1998 10:51 AM Check: 6012 ..

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1 GGTGCAATTCCCGDGCGGCC VTTTTTTTTTT TTTTTTTTTTT TTTTTTTTTT  
51 TTTTWWWWHHN NBBDRNNNNNN NNNTTTTTTT TTCACTGGNN ATATNTGNTT  
101 TVTN.CCATC AGACATGCTG CAATTHTVGV CATTYCCMCA GGGTWTAGCA  
151 GTKTTAAAMA GTTTGCATTT GAACAGCTGA CATGAATAAA CAAACAGTGG  
201 GTAGGTGAAT AACCTGCAAA CGCGAGTTCT GGATTCACTT TTTTGAGCTG  
251 AGATGACAGA TTCAGCAGGA ACTCTGTAC
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ugs148rs.seq Length: 292 February 20, 1998 10:50 AM Check: 4041 ..

1 GGAATTCCCTT TTMGMGCAAG CCTGGGGTCC AGAGCAGATG TATTCGATT
51 CTGACCCCTGA GTACGAGGGC CTGTTCGATA AGMCTCCCCT GGAGGAGGGC
101 CACACTGCACGTGACCTAA GTCTGCATCC TCGGCTGGCA GGAAATCTGG
151 TCGGCGTTCC AGTGGGAGGG CTCCGGGGAC CCGSGCTGGG CTGTCCCGAA
201 AGGCCSSCCS GTGCNGTCCA GANSCCMAAG GAAGAAGAGC CTCCAGTTGG
251 AAGAGGGCTG CTACCTTGAC CACTTGCCYG GAACCTBTGG CA

ugs186oft.seq Length: 410 February 20, 1998 10:50 AM Check: 2919

1 GGAATTCA TTAAAGA TTATTCTGTC TGCAAAGTTT AAAAAGTGT
51 GAAAAATATT CTATACATCT TGCTCTTAGA ACGTCTCCAC TTTGACAGAT
101 CAGGTGACCC TCCTCATCAT CCTCTATACT CCTGGATCTT TTCCTTC.GG
151 TGGCTCTTCT GGAACGGCAA GTGGGCAGCA CCAAGATCGT CCAGCCAATC
201 AATATATCAG AGTGAATTCA GGGCAGAATA CGCAATTCA HCAGNSGGGG
251 AGATATTCA GCANTTCAGR TAAGCACCAAG GCCACGRACA GTTGGCAGGM
301 GCAATTCA AWTNMAGTCC CCAGRAATTCA ACAGGSCACA GTTTANKGTT
351 ACAGAAGRAA AAACATGGCA AGGMACAGAT TTTCAGATAA GATACTTAAM
401 GTGGCAATAG

the first time in the history of the world, the people of the United States have been compelled to make a choice between two political parties.

ugs186s.seq Length: 238 February 20, 1998 10:51 AM Check: 1387 ..

1 ACTAGTACGG CGCAGSWGGT GGAATTCAAGA AATDACTACT GCGAAGGATA
51 TGTTCCAAGA CATTACCATA GAGACGTTGA AAGCACTTAC CGGATCCATT
101 GCAGTAAATC CTCAGTCAGG AGCAGGAGAR GCAGCCSTAA GAGAAAGCGT
151 AATAGACCCT GTGCAAGTCA TCAGTCGCAT TCGGTTATGA GTSGTTTGTT
201 TTAWATTTGG AATGGATTGA TTGTAAAGCT CTGAAAGG

ugs194oft.seq Length: 391 February 20, 1998 10:50 AM Check: 2934 ..

1 GGAATTCGGG GSCTAAAGTC TGTCTACATT ACAGATGGGG CTGGACTGTA
51 CTCTGGTGTGTT CTGGGGGATG TGGGWKAGAT GAGAAGVRGA AGGCAGCTTG
101 GCCTGTCCCA CCTATTCAAG TGCCCTCCCTA AAGCAGGATN MGNAAGCTA
151 GGHMCCTAGC CAATAAGCAG AGCCTTTSGC TGAVGGAGAA AGTAGTCACC
201 CATGAGAAAT CCAACCACAA GTTTGTGCCA CAGGCAGGTG AATATGAGGT
251 CTCCCTGGGG TGTTGGACTC CCTGGACTAA GAAAATTAAAT ACNAAHHHHH
301 TGACACTGCA GTACCYCTAT GGAGAMMVMC NTMTACAGTT TTAGTTGGT
351 AGGGTATCAA GTCACNTGTA CCAATGTGAC CTGTTCAATC T

1000 800 600 400 200 0

ugs194rs.seq Length: 490 February 20, 1998 10:51 AM Check: 7491 ..

1 GCAGCTATTG GBCATCTCGM CCTCMGCTWT GCSACMGCTT GGYMCSNRST
51 SGRKCCACTA GTAACGGNCG CCAGTGTGGG GHATTCCCCT TTTGGGYYGT
101 TCTGAAGCTT GDTCTTCAWT CTTTACCCCTG GVCTCAAATG NTTGVCTCCC
151 HTCMATHAAC CTCTTVCTT TNNGTGGTGC GGNGAGTTCT CTTTCCCTT
201 TCCCTTTCTT ATGGCAGCCC CTACCTTGGC AACTCCACTC CACTCCACCA
251 - GGTTTGTCTT CCCAGATAGC AGCTGGCAAG TTCTCCAAGG CTCAGGGTCC
301 TAAAGGCTCAG TTTGCAGTGT GGGCAGTGTG TAGGACCAGC ATAATCTTAT
351 TCTTGTTGCC TCCACAACAC CACATCCCCT AGTGGTTCGT GCGCCCCTG
401 AAGCTCTCCA TAGAGCTKGT TGACACTGCC ACTYAGGGCC TATGTCCCTT
451 ARGGKTGCCA CTTGTGGCAG CACGGTCAGT TTCTCGTTAA